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Lancaster Farming

Vol. 17 No. 15 — Lancaster Farming, Saturday, March 4, 1972 — $2.00 Per Year

Lancaster County 4-H representatives are shown recently presenting a $750 check to the National 4-H Center on Connecticut Avenue, Washington, D. C. Left to right are: Grant Schrum, national 4-H center director, accepting the check; Miss Joan B. Lucas, assistant Lancaster County home economist, presenting the check; Mrs. Susan Doyle, Lancaster County nutrition assistant, and N. Alan Bair, assistant Lancaster County ag agent.

Some 27 Pennsylvania counties have presented an average of $570 each, while four have raised over $1,000 for the new Center.

Each state in the U.S. has made a pledge to pay off the 4-H Center debt. Pennsylvania has pledged $101,000 over a three-year period.

The local contribution was made during the 4-H in-service training conference at the center from February 21 to February 25.

Poultry Meeting Set

The third of three poultry educational meetings has been scheduled for 7:30 p.m Thursday, March 9 at the Farm and Home Center

General subjects will include the public image of the egg and what can be done to improve it and a legislative report The meeting will include an up to date report on the market order check off and the Fowl Adjustment Act.

"The Egg and Your Heart" will be the topic of Dr L A Wilhelm of the Poultry and Egg National Board, Chicago

Richard I Ammon, NEPPCO executive director, will give a legislative report

Jay W Irwin, associate Lancaster County ag agent, who will conduct the poultry meeting, also reminded that a farm partnership meeting covering father-son agreements, corporate structure and regular partnerships will be held at 7:30 p.m Thursday, March 16 in the Farm and Home Center.

Approved SMV Sign Firms Listed

Pennsylvania State Police this week released a list of companies which are manufacturing slow moving vehicle (SMV) signs acceptable for use under the new state law which requires them on vehicles, except buggies, which travel at speeds less than 25 miles per hour.

The signs manufactured by some of these companies are available at local farm retail outlets.

The list of companies and their addresses, compiled and authorized by the Pennsylvania Department of Transportation, is as follows: Ag-Tronic, Inc., Fanny Flag, 1801 W. B Street, Hastings, Neb.; American Decal and Manufacturing Co., 4100 W. Fullerton Ave., Chicago;, Ill.; Bry-Nad Sign Co., P. O. Box 1, Delphos, Ohio; Clark-Smith Enterprises, P. O. Box 5526, Columbus, Ohio; Kunda Sign Co., 1220 Dekalb St., King-of-Prussia, Pa.; 3-M Co., Traffic Control Division, 2501 Hudson Rd., St. Paul, Minn.; Safety Vehicle Co., 7024 Linden, Indianapolis, Ind.; Slow Moving Vehicle Emblem, University Station, P. O. Box 3122, Columbus, Ohio

Sgt. Donald Hollywood, Lancaster State Police barracks traffic sergeant, emphasized that the stick-on or non-metal type of signs have not been approved for use.

While the signs are not legally mandatory on buggies, their use is being encouraged, Hollywood said.

Kauffman Voted DHIA President

Robert L. Kauffman Jr, Peach Bottom RD2, was elected president of the Lancaster County DHIA at a meeting Monday night at the Farm and Home Center.

Nathan Stoltzfus, Gap RD1, was elected vice president and Henry E. Kettering, Lititz RD3, was named secretary.

Reelected for three years terms were: Jacob Houser, treasurer, and Wilbur Houser, head supervisor. Both are from Lampeter.

Organic Holds Open House

Organic Plant Food Company held an open house in its new facilities at 2313 Norman Road near Conestoga Valley High school last Saturday, February 26.

The firm moved to the new location on January 1. Construction began in June 1971. The open house was given to show farmers the new facilities and types of services and programs now available.

Organic was previously located on Grofftown Road, Lancaster, but the site was taken by the state for the new Route 23.

Bill Brubaker, Organic president, noted that the new building includes rail siding for receiving bulk materials, a service which was previously not available.

Brubaker explained that the bulk rail service will lower costs of some materials. Also, the firm expects to be able to provide better service to farmers because effort which was previously devoted to bringing supplies into the local area can now be spent in getting them out to farmers.

The new plant actually is no larger than the previous facility, but is much better designed and includes greater storage capacity. Included is increased bulk dry materials storage space and new liquid nitrogen service.

The open house program included a slide presentation by Stauffer Chemical Company on "Miracle on the Land" showing the present ecology movement and how it affects the farmer. Other chemical companies having displays and representatives to discuss issues with farmers included Geigy, Shell Chemical and Niagra Chemical.

Organic had its rental equipment and most of its custom equipment on display, including liquid nitrogen applicator, anhydrous ammonia application equipment, and both custom and rental equipment for dry fertilizer materials.

Among those assisting Brubaker in setting up the program were Don Dodson, organic vice president, and Lloyd Hess, Organic office manager.

While the weather was not favorable, Brubaker reported that farmers came steadily all day and the overall turnout was very good.

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See two articles on messages of speakers at the annual Ortho banquet—an appeal for a strong and unified farm economy on page 6, and a strong recommendation to keep fertility levels high for alfalfa on page 14.

"The New Pork" and a new way of promoting it by local hog producers is featured on page 25.

For most of us, plastic means modern gadgets and what-nots. For a Lititz ex-farmer plastic means life itself. "Don't put it off," he advises on page 8.

Elsewhere, see article on hog cholera on page 22, on acid corn storage on page 18 and numerous other farm items throughout.

Butterfat Output Should Be Played Down, Speakers Say

Ephrata Young Farmers were advised this week to place their emphasis on milk production rather than butterfat production.

The advice was given to 16 Young Farmers by Dr. Charles Livak, Penn Dairies quality control specialist, and Dr. Sid Barnard, Penn State University Extension specialist, during a tour by the Young Farmers Thursday of the Penn Dairies processing plant, Lancaster.

The two emphasized that consumers have changed their preference from milk with high butterfat content to milk with high protein content.

Low-fat milks and cheeses and products with high solids-not-fat content are increasingly popular with consumers, it was reported.

A new type of milk test with emphasis on protein is expected in the future and this test will put emphasis on nutrition of milk products.

Two key points in Dr. Livak's summary to the Young Farmers were: "Keep it clean and keep it cold." This applies to the processor and consumer, as well as the farmer, he stated.

Dr. Barnard reported that seven per cent of off-flavor problems in milk are related to feed. Poor ventilation in barns is one of the biggest causes of off-flavor in milk coming from the farm, he stated.

Cows milked over 12 months can produce rancid milk and have a higher leukocyte count than normal.

Dr. Barnard also warned farmers of the dangers of washing cows with sponges and cloths, because of bacteria build-ups in these materials and the spreading of these bacteria from cow to cow. He suggested using paper towels, with no towel being used on more than one animal.

If cloths are used, they should be thoroughly cleaned and dried between milkings. In no case should a sponge ever be used, according to Dr. Barnard.

He also emphasized that milk should never be exposed to sunlight because it oxidizes milk in a short time and gives it "a cardboard flavor." Farmers are not guilty of this nearly as much as consumers, he noted.

It was noted that ADA presently is sponsoring seminars for store managers to improve the role of the stores in maintaining milk quality and getting a better product to the consumer.

Dr. William Johnstone, Penn State University ag economics specialist, will conclude the four-part milk marketing course at 7:30 p.m. Tuesday March 7 at Ephrata High School ag department with a discussion of state and federal milk marketing regulations.

Farm Calendar

Monday, March 6

7 p.m. — Red Lion Young Farmer banquet, Airville Fire Hall.

7:30 p.m. — Elm-Penryn 4-H Community club, Penryn Fire Hall.

8 p.m. — Lancaster County Poultry Association board of directors meeting, Farm and Home Center.

Tuesday, March 7

9 a.m. - 3 p.m. — Lancaster County Dairy Day, Farm and Home Center.

12 Noon - 3 p.m. — Pennsylvania

(Continued on Page 23)

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, March 1

	Cattle	Calves	Hogs	Sheep
Today	778	152	393	17
Last week	878	150	362	57
Last year	1034	96	304	3
This weeks Auction	691	152	388	17
Last Weeks Auction	865	150	327	57

CATTLE — Compared to Monday, Slaughter Steers uneven, Choice and Prime steady to 50 higher, Standard and Good steady to 25 lower, Cows steady, instance 50 lower; Bulls mostly steady, instances 50 lower on Choice.

SLAUGHTER STEERS — High-Choice and Prime 1050-1350 lbs. 36.75-37.10, four head 37.50; Choice 950-1400 lbs. 35.25-37.00; high-Good and low-Choice 33.50-35.25; Good 30.50-34.60; Standard 27.85-31.00.

SLAUGHTER HEIFERS — Choice 700-950 lbs. 32.25-34.00; Good 29.50-32.50.

COWS — Utility and high-dressing Cutter 25.25-26.75, few 26.75-27.35; Cutter 23.50-26.00; Canner and low-Cutter 22.00-24.00.

BULLS — Choice 32.50-34.50; Good 30.00-33.00; Utility and Commercial 29.75-32.60, eight head 32.85-33.10, few 29.00-29.75.

VEALERS — Vealers 1.00-2.00 lower.

VEALERS — Prime 57.50-62.00, few 62.50-63.50, Choice 53.00-60.50; Good 48.00-53.50; Standard 42.00-48.00; Utility 90-120 lbs. 37.00-41.50, 65-85 lbs. 33.50-37.00.

SHEEP — Few Choice 75-95 lbs. Wooled Lambs 32.00-33.25.

Lancaster Market

Monday, February 28

	Cattle	Calves	Hogs	Sheep
Today	559	248	1038	183
Last week	330	87	705	79
Last year	821	235	802	133

CATTLE — Compared to last week's close, Slaughter Steers 25-75 lower, most decline on Choice and Prime; Cows uneven, Utility and high-dressing Cutter 25-50 lower, Canner and Cutter about steady; Bulls steady. Supply included 369 in afternoon auction.

SLAUGHTER STEERS — Four load string mostly Choice 1265 lbs. 37.00; Choice 950-1275 lbs. 35.00-36.75; high-Good and low-Choice 33.50-35.25; Good 32.00-34.75; Standard 29.00-30.85

SLAUGHTER HEIFERS — Choice 800-950 lbs. 32.60-34.00; Good 750-900 lbs. 30.75-32.85.

COWS — Utility and high-dressing Cutter 25.50-27.00, few 27.25-27.85; Cutter 23.50-26.50; Canner and low-Cutter 22.00-24.00.

BULLS — Choice 33.50-35.10; Good 30.00-32.50; Utility and Commercial 29.35-31.00, few 31.00-31.85.

VEAL CALVES — Vealers strong to 1.00 higher.

VEALERS — Prime 60.00-62.00, few 63.00-64.00; Choice 57.00-61.00; Good 52.00-57.00; Standard 44.00-52.00; Utility 90-120 lbs. 33.00-40.00.

SHEEP — Wooled Lambs 50-1.00 lower than last Wednesday's sharp advance; Ewes steady.

WOOLED LAMBS — Choice 75-105 lbs. 31.00-32.00, few 33.00; one lot Choice and Prime 60 lbs. New Crop Lambs 38.00; Good 28.50-31.00.

SLAUGHTER EWES — Utility and Good 7.00-11.00, few Cull 4.00-7.00.

Composite Report

Friday, Weekly, March 3
Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This week	3600	1500
Last week	3034	1176
Last year	3481	923

CATTLE — Slaughter Steers 25-1.00 lower, most closing sales 25-50 lower; Cows 50-1.00, instances 1.50 lower; Bulls steady to 50 lower. Supply included an estimated 40 percent Slaughter Steers, 35 percent Cows and Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 1050-1350 lbs. 36.75-37.85, including four load string mostly Choice 1265 lbs. 37.00; Choice 950-1400 lbs. 35.00-37.00; high-Good and low-Choice 33.50-35.25; Good 31.00-34.75; Standard and low-Good 27.85-31.00.

SLAUGHTER HEIFERS — Choice 750-950 lbs. 32.25-35.00; Good 28.50-32.50.

COWS — Utility and high-dressing Cutter 24.50-26.75, few 26.85-27.60; Cutter 22.75-26.00; Canner and low-Cutter 21.50-23.00.

BULLS — Choice 32.50-34.50; Good 28.50-32.50; Utility and Commercial 29.25-32.50; few 32.75-33.85.

VEAL CALVES — Vealers 1.00-2.00 lower; good demand for Calves returned to farm.

VEALERS — Prime 57.50-62.50; few 63.00-64.00; Choice 53.00-60.50; Good 47.00-55.00; Standard 42.00-48.00; Utility 35.00-41.50; few 65-85 lbs. 33.50-37.00.

RETURNED TO FARM — Bulk 90-120 lbs. 50.00-59.00, few mainly Holstein Heifers 59.00-65.00.

Vintage Auction

Tuesday, February 29

	Cattle	Calves	Hogs	Sheep
Today	900	621	453	54
Last week	929	492	722	8
Last year	788	480	743	10

CATTLE — Compared to last Tuesday, Slaughter Steers mostly 1.00 lower; Cows 50-1.00 lower; Bulls 50-1.00 lower, instances 2.00 lower on Utility and Commercial. Supply included 40 percent Cows.

SLAUGHTER STEERS — High-Choice and Prime 1025-1400 lbs. 36.35-37.25, few 37.35-37.75; Choice 950-1400 lbs. 35.00-36.60, mainly 35.50-36.25; high Good and low-Choice 33.50-35.75; Good 30.75-34.50; Standard and low-Good 28.00-31.00, few 26.00-28.00.

SLAUGHTER HEIFERS — Choice 750-950 lbs. 32.25-35.00; Good 28.50-31.00.

COWS — Utility and high-dressing Cutter 24.50-26.85, few 27.00-27.60; Cutter 22.75-25.75; Canner and low-Cutter 21.50-22.75.

BULLS — Choice 32.50-33.60; Good 29.00-32.00; Utility and Commercial 29.00-31.75, few 31.75-32.00.

FEEDER STEERS — Mixed-Good and Choice 635-890 lbs. 34.10-35.50, lot Good 830 lbs. 31.00.

VEAL CALVES — Vealers uneven, Good to Prime weak to 1.00 lower, Utility and Standard steady to 1.00 higher; very good demand for Calves returned to farm.

VEALERS — Prime 59.00-63.00; Choice 55.00-61.00; Good 48.00-54.00; Standard 41.00-48.00; Utility 90-120 lbs. 34.00-42.00, 65-85 lbs. 30.00-36.00.

RETURNED TO FARM — Bulk 90-125 lbs. 54.00-59.00, few mainly Holstein Heifers 59.00-65.00.

New Holland Auction

Thursday, March 2

	Cattle	Calves	Sheep
Today	905	435	3
Last week	700	440	0
Last year	553	106	0

CATTLE — Compared to last Thursday, Slaughter Steers 25-50 lower; Cows 1.00-1.50 lower; Bulls 50-75 lower. Supply included 38 percent Cows.

SLAUGHTER STEERS — High-Choice and Prime 1100-1350 lbs. 37.00-37.85; Choice 950-1375 lbs. 35.25-37.25; high-Good and low-Choice 33.85-35.25; Good 31.00-34.00; Standard and low-Good 28.50-31.00.

COWS — Utility and high-dressing Cutter 24.50-26.00, few 26.10-26.85; Cutter 23.00-25.00; Canner and low-Cutter 21.75-23.25

BULLS — Choice 32.50-34.00; Good 28.25-32.50; Utility and Commercial 29.25-32.00, few 32.25-33.35.

VEAL CALVES — Vealers 1.00-2.00 lower, although Utility mostly steady.

VEALERS — Prime 60.00-62.50, few 63.00-64.00; Choice 55.00-60.00; Good 47.00-55.00; Standard 42.00-47.00; Utility 35.00-41.00.

Monday, Feb. 28

Calf Receipts 147 Choice and Prime 50-60; Standard 39.50-44.50; Good and Low Choice 45-49.50; Common 30-39.

Monday, Feb. 28

Sixty-four loads of hay and straw sold as follows: Alfalfa 61-67; Clover 45-48; Timothy 33-45; Mixed Hay 43-45; Hay 25-55; Straw 34-39.50.

New Holland Dairy Cattle

Wednesday, March 1

Reported receipts of 154 head of cattle, 15 heifers; market lower than last weeks market except on a few top cows.

Load Wisconsin cows, fresh, 450-755.

Load Franklin County and Canadian cows, fresh, 545-600; springers, 435-850.

Two loads Canadian cows fresh, 500-660; springers, 460-650

Load New York State cows, fresh, 410-600; springers, 345-605.

New York State herd dispersal, 36 head Ayrshires, all stages of production, 230-400.

Local cows, 285-585.

Springing heifers, 420-470; open heifers, 145-185.

New Holland Horse Auction

Monday, February 28

Reported receipts of 399 head of horses; market steady with last weeks market.

Load Kentucky riding horses, 130-310.

Two loads Tennessee and North Carolina work horses and mules: work horses, single, 170-340; pairs, 560-700; mules, single, 300-390; pairs, 540-750.

Load local work horses and driving horses: work horses, single, 165-300; pairs, 475-690; driving horses, 280-650.

Locally consigned driving horses, 125-510; riding horses, 130-210; few better horses, 240-400; mules, 140-200.

Mare ponies, 5-25; Colts, 5-8; Geldings, 5-20; Larger Ponies, 40-55.

Local Grain

Thursday, March 2

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, March 2, 1972, are as follows:

	Bid+	Offered+
Ear Corn	39.00	46.00
Shelled Corn	1.33	1.51
Oats (local)	.79	.91
Oats (western)	.98	1.09
Barley	1.07	1.28
Wheat	1.42	1.63

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lebanon Valley Auction

Tuesday, February 29
445 Head of Cattle

Steers: Choice 1100 - 1250 pounds, 34.85 - 35.85, couple to 36.50; Good, 32.85 - 34.60; Standard, 30.00 - 32.25.

Heifers: Choice (few), 31.50 - 33.35; Good (few), 29.00 - 32.25; Standard (few), 27.60 - 29.00.

Cows: Utility and High-dressing Cutter, 24.85 - 27.50; Cutters, 23.00 - 24.50; Canners, 22.35 - 23.85; Shells down to 21.00.

Bulls: Good, 31.10 - 34.00; Utility and Commercial, 29.00 - 32.75; Cutters (few), 27.60 - 28.25.

325 Head of Veal Calves

Prime (few), 58.00 - 60.00; Choice, 55.00 - 58.00; Good, 48.00 - 54.00; Standard, 46.00 - 50.00; Utility 90 - 120 pounds, 37.00 - 45.00; Utility 70 - 85 pounds, 34.00 - 36.00.

Farm Calves: Bulls, 85 - 110 pounds, 40.00 - 51.00; Heifers, 80 - 120 pounds, 45.00 - 62.00.

Green Dragon Dairy Cattle

Friday, February 25

The Green Dragon market reported receipts of 124 head of cattle, well attended, prices steady.

Load Butler County Springers, 380-600.

Herd Cumberland County cows, fresh, 307-605; springers, 250-625; milkers, 280-391.

Load Pennsylvania heifers, fresh, 360-450.

Load local springers, 362.50-460.

Load Pennsylvania springers, 280-515.

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Walter Risser, Manager
Phone: (717) 733-2334
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- Hay & Straw Auction 1:00 P.M.
- Beef Cattle & Veal Calves 11:00 A.M.

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Hog Prices

Lebanon Valley Auction

Tuesday, February 29

370 Hogs — Barrows and Gilts: U.S. 2-3 200-240 pounds, 24.60-25.00; 2-4 200-260, 24.35-24.50.

Sows: U.S. 1-3 300-400 pounds, 21.50-24.10; 2-3 350-550, 20.50-21.00.

Lancaster Market

Monday, February 28

Barrows and Gilts 1.00 lower, instances 1.25 lower on US 1.

Barrows and Gilts: US 1 210-235 lbs. 27.00-27.50; US 1-2 200-240 lbs. 26.00-26.50; US 2-3 195-260 lbs. 25.75-26.00.

Lancaster Auction

Wednesday, March 1

Barrows and Gilts 1.00-1.50 lower.

Barrows and Gilts: US 1 210-240 lbs. 26.00-26.25; US 1-2 195-240 lbs. 24.60-24.85; US 2-3 180-260 lbs. 24.00-24.50.

New Holland Auction

Monday, February 28

Hogs 1404: Barrows & Gilts mostly $1.50 lower. US No. 1-2 200-240 lbs. 26.00-27.00; US No. 1-3 200-250 lbs. 25.50-26.00; US No. 2-4 240-270 lbs. 24.50-25.50; US No. 2-4 140-190 lbs. 24.00-25.50.

Sows: US No. 1-3 300-500 lbs. 21.00-23.50.

Boars: 20.00-22.50.

Vintage Auction

Saturday February 26

Hogs 813 - Barrows and Gilts: Mostly $1 lower. US No. 1-2 200-230 lbs. 26.75-27.25; US No. 1-3 195-235 lbs. 26.25-26.75; US No. 2-4 200-255 lbs. 25.75-26.35; US No. 2-4 130-185 lbs. 23.00-25.50.

Sows - US No. 1-3 300-580 lbs. 21.50-24.00.

Tuesday, February 29

Barrows and Gilts 1.50-2.00 lower.

Barrows and Gilts: US 1 205-240 lbs. 25.50-26.10; US 1-2 200-240 lbs. 25.00-25.25; US 2-3 200-255 lbs. 24.50-25.00; US 2 180-195 lbs. 22.85-24.00.

Indianapolis Auction

Hogs: 1000. 75-1.00 higher, active. US 1-2 200-235 lbs. 25.25-25.50; 1-3 200-250 lbs. 24.75-25.25; 2-4 240-300 lbs. 24.00-24.75.

Peoria Auction

Hogs: 2000. Active, opening 1.00-1.50 higher US 1-2 200-235 lbs. 25.50-25.75; 50 head 26.00; 1-3 200-250 lbs., including some down to 185 lbs. 25.00-25.50; 2-3 240-270 lbs. 24.50-25.00.

St. Louis Auction

Hogs: 5500. very uneven, 50-1.50 higher, late sales at full advance around 200 head. US 1 200-220 lbs. 25.50; 1-3 200-230 lbs. 24.50-25.25; 1-3 230-250 lbs. 24.00-25.00.

Regional Hay Prices

For Southeastern and South Central Pennsylvania
Monday, February 28

(All hay No. 2 and better, prices paid by dealers at the farm price per ton).

Hay and Straw steady.

Alfalfa	40.00-47.00
Timothy hay	20.00-35.00
Mixed Hay	28.00-40.00
Straw	28.00-30.00
Mulch	12.00-22.00

U. S. Inspected Livestock Slaughter

For the week ending Thursday, March 2

	CATTLE	HOGS	SHEEP
Week to date	456,000	1,340,000	153,000
Same period last year	433,000	1,158,000	133,000
Same period last year	432,000	1,319,000	152,000

Estimated daily livestock slaughter under Federal Inspection.

Omaha Cattle

Thursday, March 2

Compared with last week's close a midweek price upturn partially offset the sharp declines enforced on the weeks opening session but closing prices on slaughter steers and heifers were still weak to 50 lower. Cows closed steady to 25 lower. Bulls were fully steady through mid-week but closed 50-1.00 lower. Feeder cattle sold 25-50 lower early with the decline largely the reflection of the lower trend on slaughter cattle.

Four day receipts 15,700 as compared 19,700 previous week and 19,000 a year ago. Slaughter steers made up a strong 40 percent and heifers 34 percent with a large volume Good to Average Choice. Cows comprised 10 percent, and feeders 11 percent. The fed cattle trade continued to follow an erratic course with weekly closing prices alternately higher and lower over the past six week period. Despite a modest Monday supply, buyers took a determined stand on the early rounds to effect a reasonable ratio between live prices and sharply lowered carcass quotations. However, most interests were scrambling for numbers at midweek as a result of some price recovery on carcass beef and two days of curtailed marketings.

Average cost slaughter steers first three days 34.76 average weight 1118 pounds as compared 35.90 and 1118 pounds previous week and 31.15 and 1146 pounds a year ago.

Market Steers

Steers — High-Choice and Prime U.S.3-4 1104-1231 pounds, 36.25 - 36.50; Choice 2-4 975 - 1250, 35.25 - 36.25; Mixed Good and Choice 950 - 1225, 34.50 - 35.50; Good 31.75 - 34.75; Standard and Low-Good 30.50 - 31.75; Holsteins 30.50 - 31.75.

Green Dragon Hay Market

Friday, February 25

Thirty-five loads hay, including: few loads Alfalfa, 37.00 - 60.50; few loads Timothy, 37.00 - 60.50; Mixed Hay, 33.00 - 43.50; one load Reeds Canary Grass, 43.00.

19 loads straw, 38.50 - 44.00.

Six loads corn, 41.00 - 45.50.

Futures Trading

(Closing bids as of Thursday, March 2)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
March			2.81	32.05
April	34.40	23.95	2.95	30.15
May			3.51	31.10
June	33.55	25.95		32.50
July		26.65		34.40
August	32.95	25.30		35.40
September				39.00
October	32.37	23.75		
November				
December	32.17	23.12		
February 73'	32.30			

Trend — Cattle are lower, Hogs are lower, Potatoes are steady, and Eggs are higher.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Heifers — Two loads High-Choice and Prime U.S. 3-4 949 pounds 35.75; 935 - 1116 35.25 - 35.50; Choice 2-4 825 - 1025 34.25 - 35.25; Mixed Good and Choice 800 - 975 33.50 - 34.50; Good 29.50 - 33.50; Standard and Low-Good 27.50 - 29.50.

Cows — Utility and Commercial 22.50 - 24.00; Utility Dairybreds 24.25 - 24.50; Canner and Cutter 19.50 - 22.50; Cutter and Low-Utility 22.75 - 23.25.

Bulls — Utility, Commercial and Good 26.00 - 28.50; early Commercial 29.50 - 30.50.

Feeder Steers

A lower trend on slaughter *cattle influenced a 25-50 cent decline on feeder cattle but demand continued fairly good.* Outshipments approximately 1800 compared 2000 previous week.

Steers — Load and part load Choice 480 - 569 pounds 38.50 - 40.00; 724 - 778 36 50 - 37.75; High-Good and Choice 851 - 1135 33.50 - 35.00.

Heifers — Load Choice 607 pounds 35.60; 708 - 890 32.75 - 34.00.

Oklahoma City

Thursday, March 2

Estimated Receipts	9,500
Same Day Last Week	9,725
Same Day Last Year	7,117

Moderately active, steers under 500 pound in small supply, 50c to 1.00 lower; steers over 500 pound mostly 1.00 lower, instances 1.50 off; feeder heifers under 500 pound 50c to 1.00 lower, heifers over 500 pound fully 1.00-2.00 lower; majority receipts High Good and Choice 500-850 pound steers and 450-700 pound heifers: moderate attendance *buyers Supplies include liberal offering of cattle arriving from wheat pastures.*

Sales as of 12:30 P.M.

Feeder Steers: Few lots Choice, few Prime 300-400 pound 46.75-50 50, small lot 325 pound at 53.50; 400-500, 40 25-47.75, small lot 402 pound 48.60; 500-600, 39.00-43 00, two small lots 507-508, 43.50-44.25; 600-700, 37.50-40.25, few 600-606, 40 50-41.80, 700-800, 36.25-39 00, short load 717 pound at 40.10; 800-975, 34 75-37.70, Mixed Good and Choice 450-600, 37.50-40 00; 600-800, 35 00-37.50, Good 500-780, 33.25-36 50, mostly Good 585-850 Holstein steers 31.25-33.75.

Feeder Heifers: Few mostly Choice, few Prime 300-400 pound 37.50-41.50, two lots 340-379, 42.25-42.30 and small lot 288 pound at 46.50, small lot 154 pound baby calves 60.50; 400-500, 34.75-38.00, few 411-434, 38.00-39.60; 500-600, 34.00-36.00, few to 36.70, 600-700, 33.25-35.00, two small lots 608-613, 35.30-35.90; few 35.00; few 600-780, 30.00-33.50.

One out of every four Americans may eventually develop cancer. The American Cancer Society urges you to support cancer research with your dollars and help to wipe out cancer in your lifetime.

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Your electro-mechanical service center whose business is servicing electro-mechanical products.

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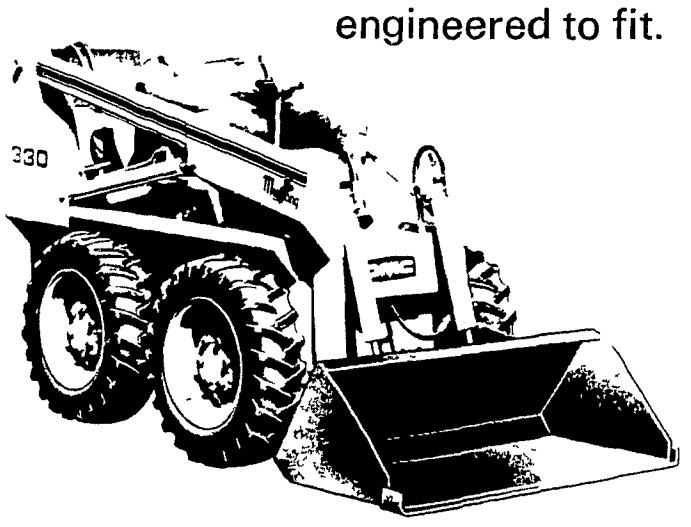
NEW Mustang 330

The little loader engineered to fit.



+ Only 46" wide
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+ Will fit in a ½ ton pickup
+ Quick change buckets
+ Free Demonstration

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Phone: 717-354-4241

Lebanon Valley Livestock Market, Inc.
1 mile east of Fredericksburg along Route 222
Phone Jonestown 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs

Poultry Market Reports

Fogelsville

Auction Report
Sale of Tuesday, February 29
(Prices paid dock weights, cents per pound, except where noted).

Hens, heavy type 5-17, mostly 10-15, Pullets 26-31, mostly 27-29; Roasters, 18-30, mostly 24½-29; Ducks 42-47; Drakes 20-51, mostly 51, Rabbits 48½-69, mostly 60-66; Guineas 56-76, mostly 60-70; Pigeons (per pair) 1.00-4.80½;

Total coops sold 377.

Auction every Tuesday. Poultry received Monday 7 P.M. to 10:30 P M., Tuesday 7 A.M. to 12 Noon. Sale at 11:30 A.M

Eastern Pa. and N.J.

HENS
Wednesday, March 1

Prices steady on light type hens. Demand fairly good however farm offerings generally short of processor needs as plants working only part time. Offerings of heavy type hens short of a fairly good interest Prices paid at farm: Light type hens 5-6¾ M 6½-6¾ in Pa., mostly 5½-6 in N.J. Heavy type hens 15½-16½

Peoria Cattle

Thursday, March 2

Receipts this week 5,600; last week 6,600; last year 2,100.

Average choice and above grade steers ended 50-75 lower than the previous week, while below grades closed unevenly 25-75 lower. Slaughter heifers were mostly 75 lower. Cows ended weak to 50 lower. Bulls were fully steady Supply consisted mainly of High Good to Average Choice slaughter steers and heifers with several loads Mixed Choice and Prime steers Balance of receipts mainly cows.

Slaughter Steers: Two loads High Choice to mostly Prime 1190 and 1250 pounds yield grade 3-4, 37.75 Mixed Choice and Prime 1125-1345, yield grade 3-4, 36.75-37.50 Choice 950-1325 pounds yield grade 2-4, 35 25-37.00 Load Choice 1400 pounds at 36.00, and some mostly Choice carrying excess mud at 35 25. Mixed Good and Choice 875-1150, 34.00-35.50. Good 30.50-34 50 Standard to Good Holsteins 30 00-30 50.

Slaughter Heifers: Choice 800-1030 pounds yield grade 2-4, 33.75-35.25 Mixed Good and Choice 750-925, 32.50-34.00. Good 29.50-33.00.

Cows: Commercial 22.00-24.00; some 24.50. Utility 23.50-25.50. High yielding Utility 25.25-25.75; few 26.00. Cutter 21.50-24.00. Canner 19.00-21.50.

Bulls: Utility and Commercial 27.00-31.00.

Tests Are The Thing

The Pap test helped cut the death rate from uterine cancer in half in 30 years. Help spur research on other tests for the early detection of cancer. Give generously to the American Cancer Society.

ATTENTION

Specials on Farm Tires Blemish and seconds now in stock. Many used tires also. We install or repair on your farm.

MUMMAU TIRE SERVICE
Mount Joy, Pa.
653-1260

Weekly New York Egg Market

(From Monday, February 28th to Friday, March 3rd)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	36	37	38	38	38
Large	35	36	37	37	37
Mediums	30½	31½	32½	33	34
Pullets	25½	25½	24	24	24
Peewees	17	17	17	17	17
BROWN					
Fcy. Large	35	36	37	37	37
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	29½	30½	31½	31½	31½
Checks	16½	17	17	17	17

Long Tone - Retail orders irregular, Mediums closely cleared, Large sizes steady, Pullets slow.

Delmarva

BOILERS
Wednesday, March 1

Ready-to-cook movement fair to good. Slaughter schedules reduced slightly as some plants having trouble finding birds within a desirable weight range. Advance interest mixed with occasional load of Plant Grade reported negotiated at 28½ cents. Less than trucklot prices generally unchanged on Plant and U. S. Grade A though a firm undertone often prevails. Live supplies adequate though weights lighter than needed. Pool trucklot prices for Thursday arrival in the New York area: U. S. Grade A 28½-31½ M 28½-29; Plant Grade 27½-29½ M 27½-28.

New York Eggs

Wednesday, March 1

Prices trended higher Wholesale trading fair for medium, light on large, small and standards, Floor stocks are in close balance on medium, ample and slow to clear on other classes. Some previously held stocks of large are selling on the basis of standards. Carton orders are generally no better than fair.

Phone Licks Stamp In Battle of Inflation

Business enterprise is the clear winner in the inflationary price comparison battle between the post office and the telephone company, newspaper columnist Gerry Pratt points out.

Not so long ago you could mail a letter from New York to Los Angeles for two cents, while a telephone call cost ten dollars. Today, the postage is eight cents and the telephone call is seventy cents for three minutes, if you dial directly on the weekend.

OK, you reply, but it is still cheaper to write!

To which the rejoinder is: message units for local calls are less than a nickel and the long distance gap sure is narrowing.

Schedules Banquet

The Twin Valley FFA will hold its annual banquet at Twin Valley High School at 7 p.m. Friday, March 10.

Several state officers will be attending the banquet.

The program will consist of films of Chapter activities during the past year.

GREEN 'N EASY

a fertilizer program for corn. Increase your yield and return with this proven program that combines the benefits of UNIPEL 20 - 10 - 10 pre-plant application with UNIPEL STARTER SPECIAL 13 - 34 - 10 applied as a "pop-up" or in a band See us soon.

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Smoketown, Pa. Ph. 397-3539

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Start raising more and better Calves

the Easy NURS-ETTE way

No more carrying pails of warm water or hand mixing milk replacer. Just fill the hopper of the NURS-ETTE with milk replacer and the NURS-ETTE will mix milk replacer and warm water and keep it warm until calf nurses the mix (approx. 14 oz.)

Then it will mix a fresh batch of water and replacer.

SEE US ABOUT YOUR CALF RAISING NEEDS AT DAIRY DAY
TUESDAY, MARCH 7
9 A.M. TO 3 P.M.
FARM & HOME CENTER

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Red Rose 14, 16, and 18 Test Cow Feeds are part of the Red Rose Programmed Dairy system. Your cows need the best if they are to produce their best, and these feeds are some of the best feeds Red Rose knows how to make.

Don't wait another day to ask us about the Red Rose Programmed Dairy system. Call or stop and see us now!

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JOLT™ AVAILABLE AT

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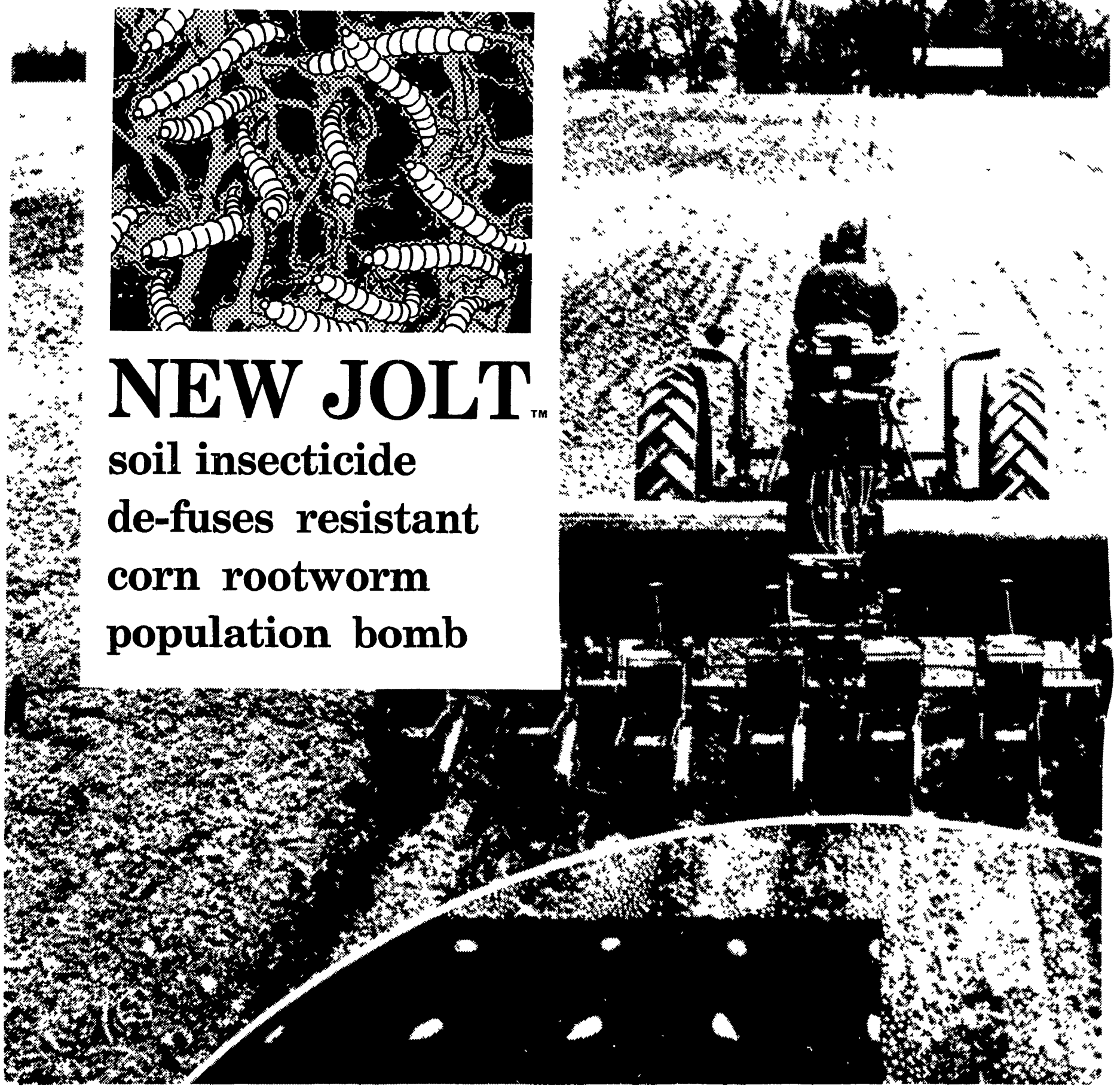
Descenting Animals

The idea of making pets out of wild animals is to be discouraged. We have mentioned this fact previously but a recent plea by our Dr. Sam Guss, Penn State Veterinarian, suggests that local veterinarians refuse to descent skunks because they are a serious public health risk. Skunks are considered one of the most important feral vectors of rabies, and they can excrete tremendous amounts of rabies virus in their saliva without showing symptoms. The descenting of animals in some states becomes a professional ethical problem and in Pennsylvania the practice is to be discouraged. Parents are warned about exposing their children to these kind of pets. Why pick on a skunk, anyway? There are many other types of pets more attractive and much safer.

TRY A CLASSIFIED AD-IT PAYS!



NEW JOLT™

soil insecticide
de-fuses resistant
corn rootworm
population bomb

By June, it's too late if you count 10 worms per plant, because 8 to 10 per plant cause serious damage. Where corn follows corn, resistant rootworm buildup may reach a count of 120 worms per plant!

Now you can easily stop this infestation as larvae hatch. One application of new Jolt granules at time of planting controls rootworms resistant to other chemicals, as well as non-resistant rootworms, throughout the growing season.

Free-flowing Jolt granules are easy to apply. At the rate of 5 to 7 pounds per acre in a 7-inch band over the row, Jolt mixes with the top half inch of soil. Do not apply Jolt in the seed furrow.

Jolt moves with moisture through the soil, kills on contact. It leaves no harmful residue, can be used on *any* corn including silage.

Cost? About $2.50 to $3.50 an acre. So no need for high resistant-rootworm populations to exist.

Check application details with your dealer. Ask how Jolt controls all rootworms, can eliminate significant damage to your crop, help you get top production.

Jolt granules contain prophos, an organo-phosphate, and should be handled with care. Follow directions on label.

JOLT™ from
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VELSICOL CHEMICAL CORPORATION
341 East Ohio Street, Chicago, Illinois 60611

Pressures Both Here and Abroad Are Reasons:

Unity in National Farm Industry Is Needed, Dr. McVickar Urges

A unified slogan for agriculture, such as "Better Nutrition."

That's one of many things which U. S. farmers need to do in order to survive in the changing U. S. scene, local farmers attending the annual Ortho banquet were told Monday night by Dr. Malcolm H. McVickar, national manager of agronomy of the Chevron Chemical Company.

He explained that the Beef Cattle people have a slogan of "Better Beef" and the sheep and other groups have similar slogans for their own products. But the farm community needs to unify behind a slogan which is big enough for everybody.

And "Better Nutrition" is one slogan which can encompass the slogans of all the farm groups, according to Dr. McVickar.

Dr. McVickar came to Lancaster all the way from San Francisco to be the featured speaker at the P. L. Rohrer and Brothers banquet at the Meadow Hills Dining Hall.

"I think what we do in the next few years will largely depend on how important agriculture will be or what it will do," Dr. McVickar stated. He has received many national agronomy awards and other recognitions for his role in U. S. farming.

One in Three Related

The speaker also emphasized the importance of joining farming with related jobs in industry to develop a unified approach. While the numbers of farmers continue to decline and farmers now only total about 2.9 million persons and this figure will drop to an estimated 900,000 by the year 2000, some three out of every 10 jobs in the U.S. are "closely tied to agriculture."

Therefore, instead of each farmer thinking of himself as one in 20 and trying to convince 19 other persons, he needs to work closely with the related industrial occupations so that he is only about one in three and only needs to convince about two other persons.

Among those jobs closely aligned with agriculture, he noted, are truckers, grocers, butchers and many others. He also urged enlisting support of women of the family in telling the farm story.

A hand written letter to officials "simply expressing yourself" will help, he stated.

One issue he particularly singled out as needing attention by farmers, is the environmental issue. "Unless we watch ourselves, agriculture is going to become the whipping board of the environmental issue."

But he emphasized that farmers already are leaders in the environmental issue and that there are irresponsible proposals that would hamper the farmer. The proposal to reduce nitrogen levels in the soil in Illinois alone could cause a food price increase nationally of three to five per cent, he estimated. Such an anti-nitrogen program nationally could increase food prices many times that much, he said.

The fallacy of the efforts to curb application of nitrogen on the land is that "85 per cent of the nitrogen drained off each year is from decomposition of organic material," he noted.

Among those participating in the annual Ortho banquet Monday night at Meadow Hills are: left to right, Willis Rohrer, of P. L. Rohrer and Brothers, Inc., Smoketown; Dr. Malcolm McVickar, national manager of agronomy of the Chevron Chemical Company, and Dr. Richard M. Thorup, regional agronomist of Chevron Chemical Company. Dr. McVickar punctuated his talk with demonstrations which included pushing a limber straw through a potato. McVickar spoke on the world farm situation and the need for U. S. farm unity, while Thorup explained the need for high fertilizer levels for top alfalfa yields.

Dr. McVickar stated, "We're living in an era of communications when people can be swayed by things which seem to be spectacular whether they're true or not."

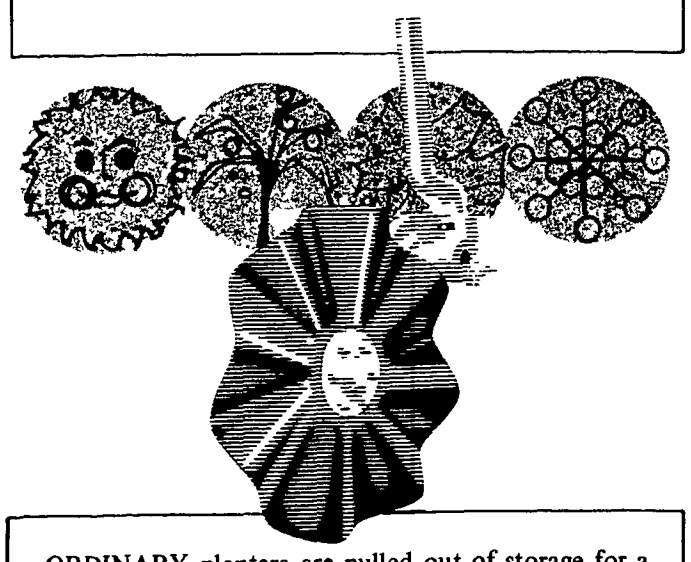
Dr. McVickar began his talk with a description of "the world situation and how that situation affects agriculture" by describing the growing world food crisis.

"When you look at the world today you see people and more people with no stop in sight. At the time of the birth of Christ, there were 250 million people and it took 1,500 years for that population to double. By 1900 the figure had increased to 1.5 billion and in the two-thirds century since then the population has doubled again to three billion.

"In India, which is one-fourth the size of U. S., there's two and one-half times the number of people. This means India is 10 times as densely populated as the U.S."

(Continued On Page 16)

THERE'S NEVER AN "OFF-SEASON" FOR THIS SYSTEM



ORDINARY planters are pulled out of storage for a few days each spring . . . then it's back into the shed to wait for another season.

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No-Til farmers are adopting double and triple-cropping practices previously thought impossible. And they're discovering new uses for the System every day.

If your present planter is wasting away its summers in the shed, take a look at our all-season 600 Series System. No telling what *No-Til* farming can do for you.

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SOIL TESTING Be sure that your Fertilizer and Lime requirements are at the proper level.

SEEDS Our stores are stocked with the finest in quality Alfalfas-Clovers-Grasses-Seed-Oats-Northrup King and Pioneer Seed Corn varieties. "Have you heard about WL-305 ALFALFA?"

CHEMICALS Protect your crops from weed and insect damage. We stock a complete selection of weed and insect control chemicals.

Free Soil Testing Service Available
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Three Steps to Success
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Quality Seed and Grains
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Sale Ends March 8

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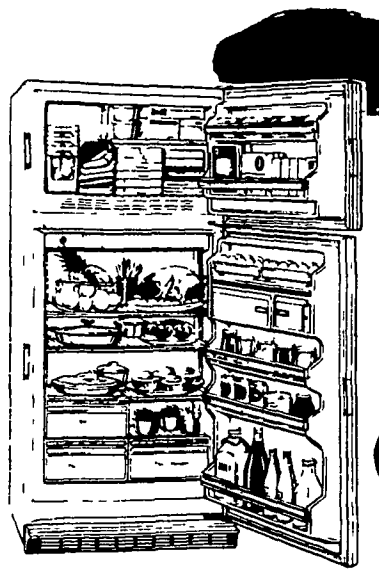

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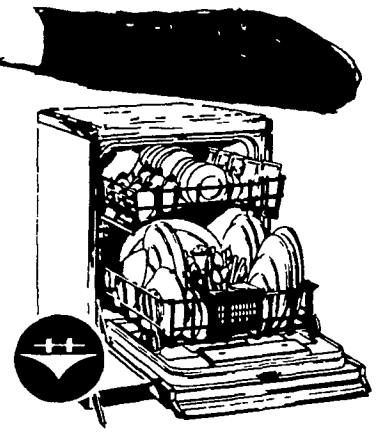
319.96 LIST 399.95

Features 2-door convenience; up to 167 pounds of freezer space, no-frost throughout, twin crispers; two cantilevered shelves, and meat pan On wheels for cleaning ease!

HOTPOINT SELF-CLEANING RANGE

197.56 LIST 246.95

Oven cleans itself automatically, electrically! Self-cleaning surface units! Features large oven window, oven timer, and more

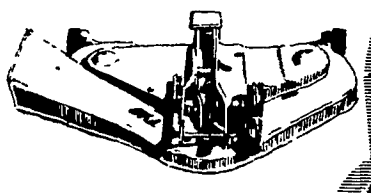


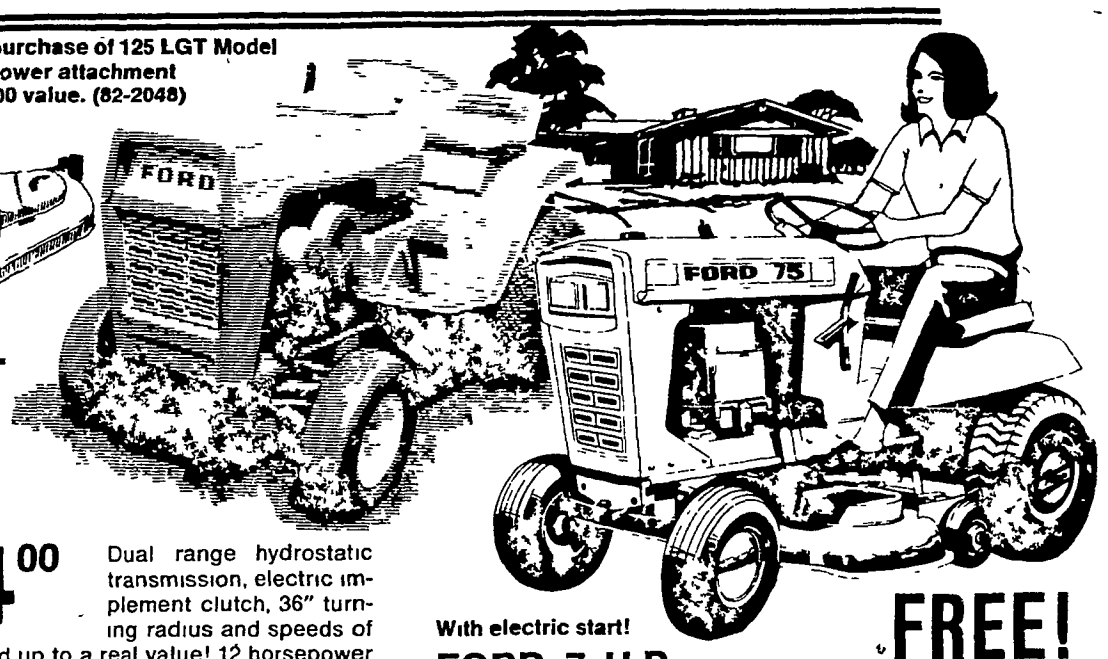
HOTPOINT MOBILE DISHWASHER

Pamper yourself with this portable dishwasher! 3-level wash action almost ends pre-rinsing! Maple finish work surface

167.16 LIST 208.95

FREE! with purchase of 125 LGT Model 42" mower attachment $215.00 value. (82-2048)





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$1544.00 Dual range hydrostatic transmission, electric implement clutch, 36" turning radius and speeds of up tc 7 32 mph . all add up to a real value! 12 horsepower gets all the jobs done in a fraction of the time it takes to do manually! Mows plows, cultivates, clears snow, dozes and much more with optional attachments (82-2014)

With electric start!

FORD 7 H.P. LAWN & GARDEN TRACTOR

FREE! 34" mower attachment with the purchase of a Ford Model 75 LGT $150.00 value (82-2103)

$798.00 The tractor that does all the big jobs with ease and yet turns on a 32" radius! It mows hauls spreads, sweeps, sprays and more with optional attachments 3-speed gear transmission plus reverse Electric start as an added bonus! Reaches speeds of up to 6 mph (82-2006)

We guarantee Big Savings on our entire stock of FORD Lawn & Garden Tractors

AGWAY

100 LB. DIAMOND CRYSTAL WATER SOFTENER SALT

Good thru March 18, 1972

	comp. val.	Sale Price
Solar Salt	$2.70	$2.60
No. 2 Rock Salt (extra course)	$2.70	$2.60
Salt Nuggets	$2.90	$2.80

Limit 5 Bags

With Coupon Only

AGWAY

50 LB. BLOCK WHITE SALT

LIMIT 20 83c Ea.

Good Through 18th of March

With Coupon Only

STORE HOURS: MON.-FRI. 8 TO 5, SAT. 8 TO NOON

NOTE: SOME ITEMS NOT STOCKED AT ALL STORES

WILLOW STREET STORE 464-3521

QUARRYVILLE STORE 786-2126

LANCASTER STORE 394-0541

NEW HOLLAND STORE 354-2146

SALUNGA STORE 898-2248

Beef Cattle Conference Scheduled at Penn St.

A comprehensive Beef Cattle Conference will be held March 21, 22 and 23 at Pennsylvania State University.

Although the conference will emphasize purebred and commercial brood cow production systems, information will also pertain to finishing beef cattle systems. The conference will be held in the Meats Laboratory and the Beef-Sheep Center at University Park.

The program will include discussion of practices involved in establishing and maintaining pastures for profitable pasture and forage production. Methods of storing forages for wintering beef cows and calves will be discussed.

Other important topics will include maintaining herd health, calculating rations for different types of beef cattle, constructing and maintaining low cost and effective equipment and facilities, and a demonstration of certain beef cattle production skills.

Another section of the program will go into detailed discussions of methods of improving the inherited ability of cattle, and record keeping methods.

A special feature will be an in-depth discussion of the merits of some of the new breeds recently introduced into the United States.

Another "special" will be a *consideration of the controversial "optimum cow body size" question that recently has* become extremely important in producing cattle.

According to Dr. Lowell L. Wilson, professor of animal science and chairman of the program, "This conference ties together many of the essentials of modernizing cow-calf production systems. The beef cattle business is changing rapidly. To efficiently use land through beef cattle, the producer must incorporate as many modern production practices as he possibly can.

"In Pennsylvania, a state producing only approximately 25 per cent of the total beef consumed in the state, there is an opportunity to raise more beef cows. We hope that by providing this program, we can help develop this potential," he affirms.

For further information regarding the program, contact the Agricultural Conference Coordinator, 410 J. O. Keller Building, University Park, Pa. 16802. County agents in Pennsylvania will also have information.

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

Plastic Valve Means Life For Local Heart Victim

Howard Erb and his wife, Arlene, in their home off West Lincoln Avenue.

A Lititz RD2 man has a new lease on life these days, thanks to a plastic valve that surgeons put in his heart six months ago.

Howard Erb, salesman, auction clerk, ex-farmer, faced certain death last summer. Today, following open heart surgery, he is back on his job and "a new man," as his wife says.

Many local farmers and sale enthusiasts will know Erb from his years as a clerk at the Garden Spot Auction and Green Dragon, and as a salesman for Roy Brubaker, farm implement dealer.

Discovering the 54-year old Erb's heart condition came about in a routine manner for all the drama that was to follow.

Five years ago (the first time in about 20 years, he says) he went to his family doctor because he had a cold. Upon examining him, the doctor found an irregular heart beat, and further examination turned up a bad valve leading to the aorta, or main artery in the heart.

The doctor advised him he needed surgery, but Erb put it off, not ready to face such an ordeal.

Erb nursed his faulty heart along for five years, but in July of 1971 it finally caught up with him, and he had a heart attack. Following near death, he was convinced that he could no longer put off the surgery.

Choosing the hospital and the surgeon was a big step, and after talking to other persons who had undergone open heart surgery, he decided on Temple University Hospital in Philadelphia. He went there almost immediately after his release from Lancaster General Hospital, where he had been taken when he had his heart failure.

Dr. Gerald Lamole was to perform the operation. He told Erb he had a 50-50 chance of coming through, no more, no less.

The operation itself lasted about five hours, a long day of waiting and wondering for his wife, Arlene, and two teenage daughters. He was taken from his room at 7 a.m. and brought back about 2:30 that afternoon. The first word Mrs. Erb received was at noon, when the surgeon came to the room to tell her the valve was in place and things were going smoothly.

Following two weeks in the hospital, during which his wife drove back and forth from Lititz every day to be with him, Erb was sent home to recuperate.

Facing the overwhelming fact

(Continued on Page 9)

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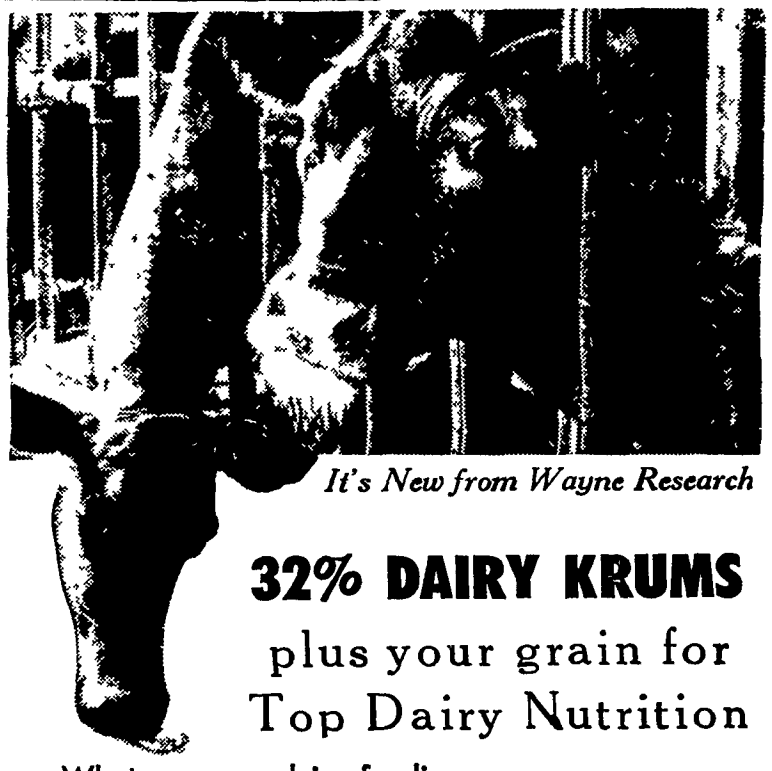

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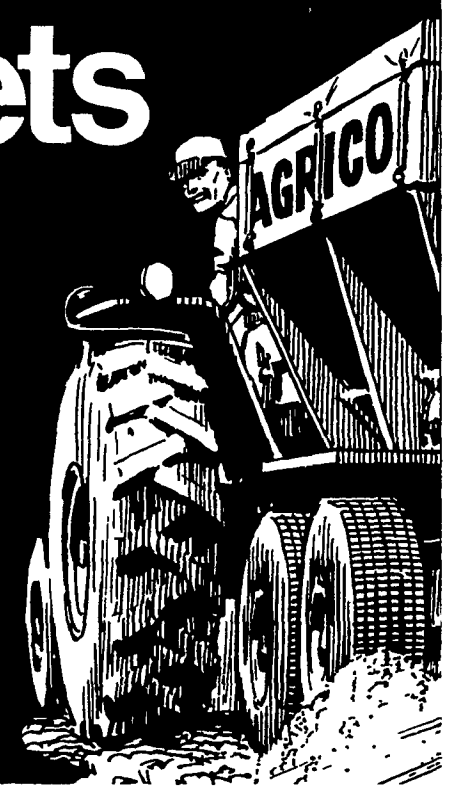

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Heart Victim

(Continued from Page 8)

of heart surgery and realizing it might just as easily mean death as recovery, and walking into a costly operation (expenses were to total nearly $8,000 before it was all over), is a trial for any man and his wife. To the Erbs it was one more in a long chain of troubles that had struck their household since their marriage.

Six years ago, the Erbs' only son died of muscular dystrophy, at the age of 19, after having lived in a wheel chair for ten years. A few years later their youngest daughter, now 15, developed rheumatic fever. After recovering from this, she fell off her bicycle and injured a knee. Because the fever had affected her joints, the injury did not heal properly and the girl was on crutches for a long while.

During this period, Mrs. Erb's mother was paralyzed by a stroke, and Mrs. Erb took care of her in her home for three years before her death. And just days after Erb's heart attack last July, while he was still a hospital patient, his own mother died.

In spite of, or perhaps as a result of these troubles, the Erbs are an optimistic family unit, showing neither self pity nor bitterness. They live in the same house they lived in when first married, a 16-room farmhouse off West Lincoln Avenue. The house belonged to Erb's parents, and he grew up there, helping his father farm, in turn farming it himself, until he gave up farming some years ago and leased the land to neighbors.

Their church life centers around the Neffsville Mennonite Church, and they have brought it into their home with daily family worship, usually in the evenings when their girls are home.

Music is at the core of their lives. Mrs. Erb plays both piano and organ, and Erb plays trumpet and trombone. An ardent singer, he was a member of the first Youth for Christ male quartet when it was organized in the county 25 years ago.

Spiritual awareness helped him through his ordeal, Erb says. In the weeks before his operation, while at Temple undergoing the un-ending tests and examinations, he leaned heavily on the letters and messages from friends encouraging him to go through with the operation. Many of the letters contained poems and spiritual thoughts, and all were comforting to him in this nerve racking period.

A nervous man by nature, Erb worried a lot. "But I wasn't *afraid," he said. "I was resigned to it. I felt that what was to be would be. My wife and daughters* stuck by me and that was important. I found out what a good wife I had and how much that really means."

On the day of his operation the Grace Brethren Church conducted a 24-hour prayer chain for him. Many persons enclosed money in their letters to help out, called "love offerings" from church groups, or just "helping hands" from individuals.

"It all meant a lot," Erb remembers. "When we needed something, it always seemed to arrive in the mail the next day."

When he came home, Erb was faced with the long, often discouraging job of recuperating. Faced with difficulties like swelling ankles, rash, the discomfort of riding in a car, he found himself wondering: "Will I ever be the same again?"

But as he mended, and the valve continued to function, he could see a brighter future, and when he passed the critical six-month period, he was reassured.

"He's a walking example of what they can do, a new man today," his wife says.

What lies ahead for Erb looks like recuperation—further healing of his incision, strengthening of his muscles through excercise like walking, and learning to pace himself. He is now working half a day daily at his sales job, his wife driving him on his local rounds to farmers.

What does he advise other heart cases like his own and their families?

"Don't put off surgery if it is needed," he stresses. "The younger a man is when he has this surgery, the better off he is."

To those that must stand by and watch it happen to a friend or loved one, he says to let them know you are behind them.

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New Cattle Price Record—Finally

All that flap which was stirred when slaughter cattle prices finally reached a new record high after 20 years was almost enough to make the farmer feel guilty about finally being able to make a reasonable rate of return on his investment.

But we suggest that cattle producers think the thing through before they hang their heads in remorse.

Recall the lean years, the many times when prices were below costs. How many other segments of the U.S. economy pay for the privilege of producing?

Recall how dramatically nearly all production costs have risen in the past 20 years. Fortunately, one of the biggest costs, feed, has remained relatively stable. But machinery and labor costs are up sharply.

It seems that nearly everybody today expects to earn more this year than last, more next year than this. Farmers who keep up with the national news are certainly aware that workers in industry after industry expect and get large annual wage increases.

But the same laborer-consumer who gets large annual increases apparently expects the farmer to be willing to tighten his belt, accept smaller profit margins and increase his efficiency in order to hang in there.

In the past, the farmer has done just that—tightened his belt. One result nationally has been increasingly larger farm units; it takes larger farms with more capital investment to make enough profit to survive when profit margins are continually tightened.

It's another way of saying: the constant price-cost squeeze on the farmer which has made it possible for the consumer to spend less and less of his income on food has had its impact—in the form of larger farm production units and fewer farmers.

The impact of the price-cost squeeze has not been nearly as severe in Southeastern Pennsylvania as it has been elsewhere, but the national trends are evident here also. A combination of favorable climate, ready markets, knowledgable and industrious farmers have made it possible for the local farm community to prosper in the face of the price-cost squeeze with a minimum of change and problems.

Looking ahead, we can see the day when belt tightening won't be enough. While the farm community has been fantastic at coming up with new machinery and techniques to continually lower cost of production, there certainly must be a limit. There must come a time when the consumer is willing to let the farmer have his fair share.

We suggest that if the consumer does not willingly let the farmer share in the national prosperity, the consumer eventually will be forced to let the farmer have his share.

As we see it, the consumer can continue to force the farmer to deal with the agony of the price-cost squeeze; more farmers can be forced to consolidate and expand in order to keep up.

But with the national farm population continually shrinking, how much more can it shrink? Before farmers recognize the necessity of action to get a fair break?

Farmers have never asked for more than a fair break. But the dock strike during the past year illustrated what farmers face; dock workers sought their high annual wage increase and were willing to tie up a huge share of the farm export market in order to get it; in this case, farmers were asked to take it two ways—through lower farm prices because lower export volumes contributed to market gluts and through payment of the higher wage costs of the dock workers.

So the cattle producer finally got a 20-year record high price for his product? So who else had to wait 20 years?

Oh, That Sudden Stop!

Local egg producers have been getting much advice lately on how to stop cracks and breaks.

One favorite quip of Kermit Birth, Penn State Extension poultry specialist, is: "It's not how fast the egg travels, it's the sudden stop which breaks it."

Which leads us to Operation Eggdrop, a ninth grade science project by students at Lincoln Junior High School. On March 9, the students will drop eggs from a helicopter hovering from 800 to 1,200 feet above the school.

The goal: to package the eggs so they don't scramble on impact.

Or, as Birth would put it: Don't let them stop too fast.

One thing for sure. If ninth graders can stop eggs from breaking after a fall of 800 to 1,200 feet, farmers ought to be able to figure out how to stop them from breaking after a roll of only a few inches or a few feet.

Ain't so?

On Attending Meetings

The local farm community is now in the midst of its banquet and meeting season.

In the summer the farmer generally has twice as many jobs to do as he has time in which to do them; it's a matter of working at the most important jobs until time runs out.

But in the winter the pressures aren't quite as severe and the farmer has some time "to take stock," to review what happened during the past year and to plan ahead for the coming year.

If this "quiet" time is used wisely, it could be the best spent time of the year. It's increasingly true for farmers as it is for eveyone else: it's not how hard you work, it's how well you work. Making the right decisions at the right time is increasingly critical.

Attending banquets and educational meetings, we suggest, is a sound way to spend some of the slack time in the winter. Ideas and inspiration are to be found in abundance at these meetings.

We predict that the numbers and quality of meetings for farmers will grow. And farmers who recognize the value of these meetings and take advantage of them will be in a better position to adjust to the ever changing farm scene.

We suggest that every farm family should consider keeping a meeting calendar.

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NOW IS THE TIME . .

By Max Smith
Lancaster County Agent

To Broadcast Legume Seeds

Alfalfa and red clover growers who are going to establish their new stand by broadcasting on top of winter wheat are urged to make this seeding as soon as possible and at least by the middle of March; some growers may have already seeded during late February. The early broadcasting will permit the seeds to work into the topsoil during the alternate freezing and thawing of early spring days. Most research and experience will favor the very early seedings when the broadcast method is used. We would favor a straight seeding of alfalfa later in March, if the grower has open ground and can prepare a good seedbed. Certified seeds should be used and they should be well inoculated.

To Topdress Wheat

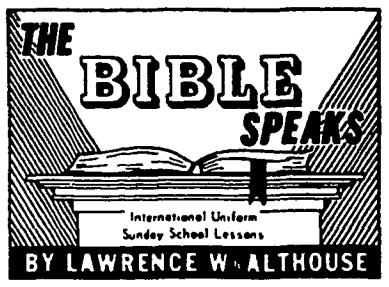
Many winter wheat growers have learned that a special application of nitrogen fertilizer during the month of March will increase wheat yields. This practice is strongly recommended on soils with considerable sand, shale, or gravel; in these cases the nitrogen may have leached out more severely during the winter months. The amount of nitrogen to apply will vary, depending upon the fertility of the soil and whether or not the wheat is to be seeded down to alfalfa or clover; in the latter cases 25 to 30 pounds of actual nitrogen per acre is recommended. To get a maximum yield of wheat and straw regardless of legume seedings, 50 to 60 pounds of nitrogen per acre should give good results.

To Fertilize Pastures

Livestock producers who retain some permanent pasture can increase the forage per acre by spring applications of fertilizer; in the case of mixed pastures, including some clovers, a complete fertilizer such as 10-10-10 is suggested. In the case of straight grass pastures only nitrogen is needed, provided previous soil tests show the potash and phosphorus levels to be satisfactory. Some producers will fertilize only parts of their pastures (¼-acre per animal) early in the spring to push that forage ahead of the rest of the field. Old sods that are to be improved should first get a complete soil test, followed by the lime and the fertilizer recommendations. It is accepted that an acre of good corn will produce more feed nutrients than an acre of most pastures; however, some land is suited only for permanent pasture and the farmer should attempt to get as much forage as possible from this land.

To Delay Field work

Weather conditions during the past week favor outside work and the starting of early spring practices; however, it is only early March and the topsoil is very wet and full of moisture. It is suggested that the farmer be patient in getting out into the field for plowing and other work with heavy equipment until the soil dries out; working in wet soil, or driving over it this time of the year with heavy equipment when it is wet, may mean that it will get hard and be of very poor physical conditions for the rest of the summer. Heavy clay soils need special handling early in the spring.



"MY CHURCH"

Lesson for March 5, 1972

Background Scripture: Isaiah 28:16; Jeremiah 31:31-34; Matthew 16: 13-20; Ephesians 2:19-22.
Devotional Reading: Jeremiah 31:31-34.

"It's not our church any more," the man said bitterly, "They've taken it away from us!"

The "us" he referred to were a group of people who for many years had comprised the small rural congregation. The "they" were the new suburbanites who were beginning to join the little church—no longer rural—in growing numbers.

Rev. Althouse

How do you tell a man like this that it was never his church in the first place? How do you convince him that it also can never be "their" church? There is only One who can properly call it "my church," but we tend to forget about him. For, even if we don't use the possessive pronouns "my" and "our," we may still act as if the church, in fact, belonged to us.

Christ the Cornerstone

For example, many of the decisions which we make concerning the church will reflect our interests, not those of Christ. When we have to make important decisions for the church we are often likely to speak of what we "will accept" or what we "won't stand for." The question of what Christ might desire, if it is considered at all, is often dismissed as impractical, "pie-in-the-sky" idealism.

Then there's the whole question of the church's financial resources. "You're not going to spend my money like that!" we may protest when we see the church doing something to which we object. What we seem to forget is that it cannot be "my money." If the church belongs to Christ then the money we have given is his. To continue to speak of it as "my money" or "our money" is little short of blasphemy.

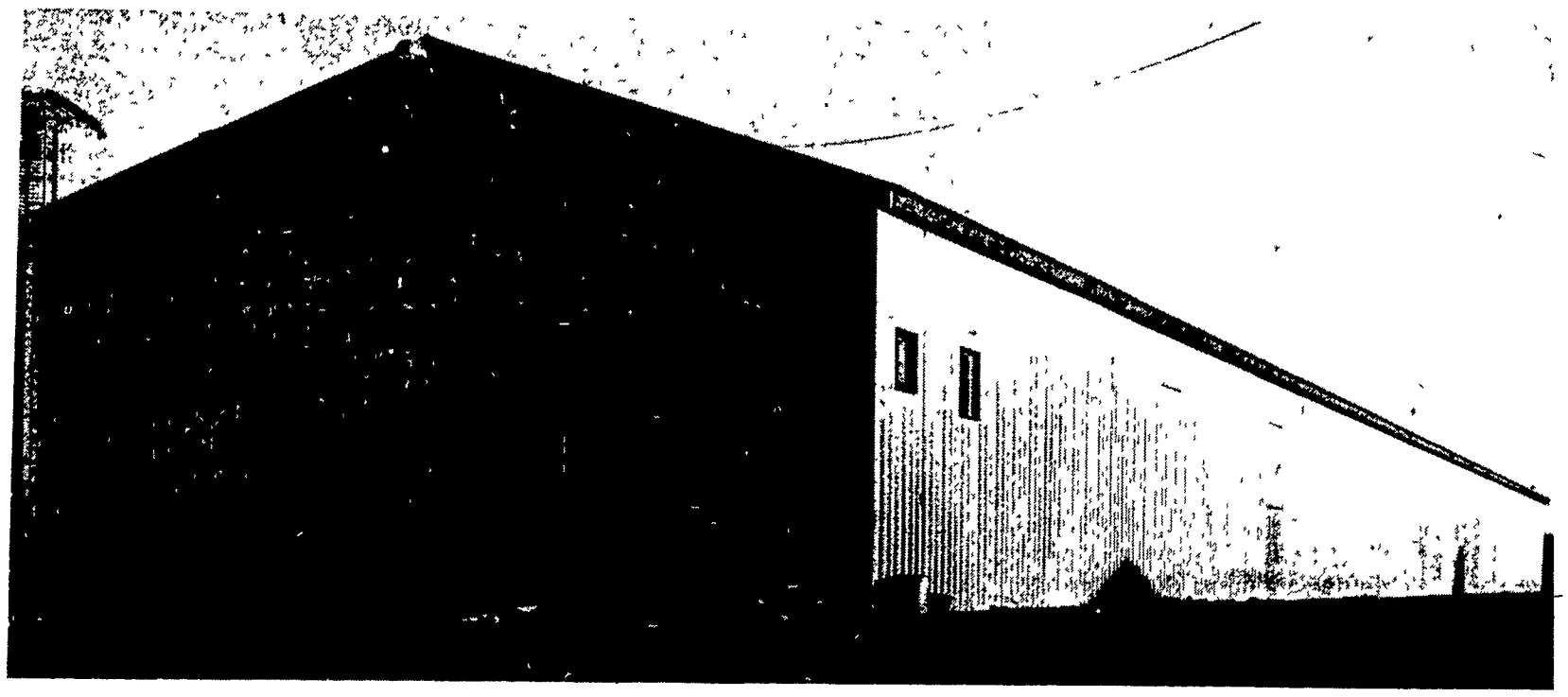
The writer of the Epistle to the Ephesians wanted there to be no doubt as to whom the Church belonged. To be sure, the Church is like a household, but we are not the owners of the household. We are there by the grace of God. It does not belong to us, but we belong to it. Only in that sense can we call it "my church" or "our church." The foundation of that household consists of the apostles and prophets, "Christ Jesus himself being the chief cornerstone, in whom the whole structure is joined together . . ." (Ephesians 2:20, 21).

No power prevail against it

At the scene in Caesarea Philippi in Matthew 16. Jesus says of Peter's declaration of faith, ". . . on this rock I will build my church" (v. 18). Jesus, we need to note, does not say to Peter: "you will build your church." There can be no doubt about to whom the church belongs.

Perhaps people might see the Church differently today if they would remember that it is Christ's Church.

AGWAY



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'Remote Sensing' to Plot Crops and Soils?

Photographic and electronic devices, used in aircraft, have become the newest methods of analyzing soils and crops — plus a host of other earth resources — in a process called remote sensing.

Already tested in Southeastern Pennsylvania, this remote sensing technique should — within a few years — provide a fast and efficient technique of mapping soils and crops, declared Dr. Gary W. Petersen of Pennsylvania State University during the recent annual Turfgrass Conference at Penn State

Describing a few applications of remote sensing, he said the technique can detect crop diseases and insect infestations. Sources of pollution can be identified. It can also be used to inventory forest resources and to fight forest fires.

The remote sensing instruments, he explained, are capable of perceiving and measuring energy reflected or emitted from crops and soils at various wavelengths of the electromagnetic spectrum.

The technique is based on the fact that energy from the sun is either reflected or absorbed and then radiated as electromagnetic waves by objects on the earth.

Major users of such techniques at Penn State are researchers from the Office for Remote Sensing of Earth Resources. Co-directors are Dr. Petersen, associate professor of soil genesis and morphology, and Dr. George J. McMurtry, associate professor of electrical engineering.

Responsible for developing a data processing system for remote sensing is Dr. F. Yates Borden, associate professor of forestry. Dr. Borden is also active in soil mapping and vegetative cover mapping projects.

Research within the Office for Remote Sensing of Earth Resources at Penn State is funded by the Space Science and Engineering Laboratory. Involved are personnel from agronomy and soils, air pollution, civil engineering, climatology, economics, forestry, geology, geophysics, hydrology, meteorology, plant pathology, pattern recognition, and regional planning.

Conventional aerial cameras are one of the most common remote sensing devices. Filters can be used to split up portions of the electromagnetic spectrum into wavelength "identifiers."

Blue-green spectral bands, for example, provide maximum penetration of water. The red spectrum is useful in identifying crops and soils. Cameras using infrared film can show sharp differences between land and water.

Another aerial device is the multiband camera which takes more than one photograph simultaneously, each with a different combinaton of lens and filter. This records simultaneous film exposures of exactly the same area, with each exposure representing the energy reflected in specific portions of the visible and near-infrared segment of the electromagnetic spectrum.

A third method uses the optical mechanical scanner. While covering the same section of earth as the aerial camera, the mechanical scanner uses both the visible and invisible part of the spectrum — thus recording information not seen by the human eye. This technique has been used to develop unique computer-produced maps such as one involving soils in Southeastern Pennsylvania.

Nationally, some progress in remote sensing has been made with data obtained from spacecraft. This year, such studies will be expanded with the orbiting of the Earth Resources Technology Satellite. This satellite will be able to record remote sensing images from the entire surface of the earth every 18 days.

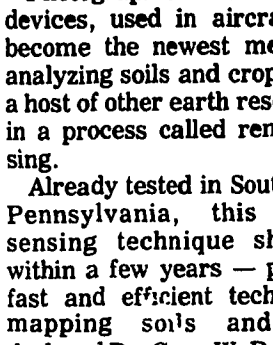
A three-camera television system on the satellite will be able to provide photographs in three spectral bands — blue-green, red, and infrared. An optical mechanical scanner will also be used. Data from this remote sensing will be available to Penn State scientists for analysis and interpretation.

Herr Receives Award

Larry E. Herr, Lancaster, a junior in animal industry at Pennsylvania State University, received honorable mention and a $25 award recently in the annual Guldin Speaking Contest for his analysis of the question, "What Happened to Forestry?"

Among several other participants was Omer Brubaker, Lancaster, senior in agronomy.

The contest is in honor of the late Paul R. Guldin who was a part-time Extension poultryman who placed emphasis on the benefits of speaking contests.



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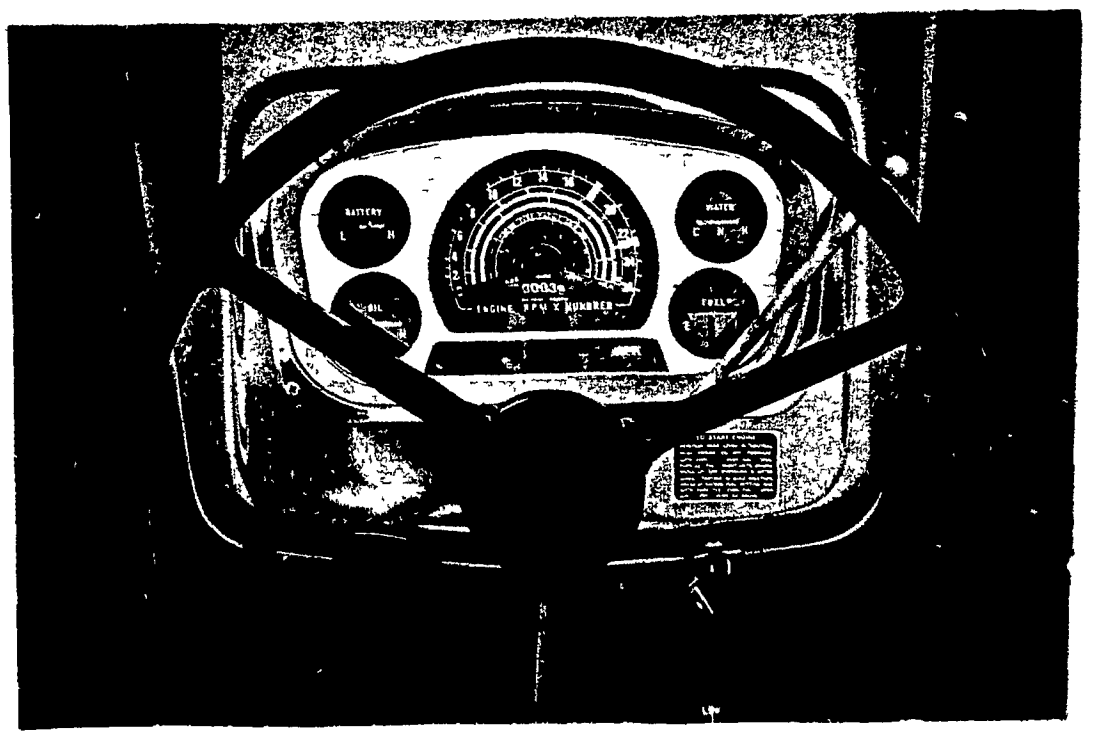

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Conservation Banquet Set

The Lancaster County Soil and Water Conservation District annual banquet has been announced for 6:30 p.m. March 23 at the Farm and Home Center.

R. M. Davis, state conservationist, U.S. Soil Conservation Service, Harrisburg, will be speaker.

Not from Bible

The story of the wandering Jew is not of Biblical origin, although the legend has appeared largely in literature, especially German and French writings. The earliest English reference to this legend dates from 1236.

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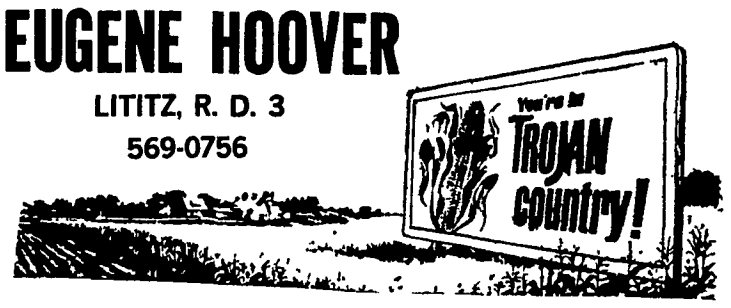


Among six southern Lancaster County dairymen who were honored recently for having high producing herds during 1971 at the eighth annual district five meeting of Atlantic Breeders Cooperative at Memorial United Methodist Church, Quarryville, are: Curtis Akers, Quarryville RD1; Harry Kreider, Quarryville RD1; Aaron E. Beiler, Paradise RD1, and Henry Leaman, Windy Hill Road, Lancaster. Also receiving the award were: Robert Ulrich and son, Quarryville RD1.

Holstein Producers Earn Progressive Breeders' Award

The Holstein-Friesian Association of America recently recognized nine Pennsylvania breeders, including three from the local area, for the "Progressive Breeders' Award," the highest recognition attainable by a breeder of Registered Holsteins.

In addition, one local animal was recognized for exceeding a half ton of butterfat on an official test.

Local breeders receiving the Progressive Breeders' Award included: J. Mowery Frey and Son, Beaver Valley Pike, Lancaster, for the seventh time, Jefferson D. Yoder, Elverson, for the fifth time, and Clark A. Yoder, Salisbury, for the first time.

Only a total of 754 Holstein breeding operations, including 89 in Pennsylvania, have qualififed for the Progressive Breeders' Award since the program was started. To qualify for this award, a Holstein breeder must have a herd that meets strict requirements in all phases of breeding and management, including production, type improvement, herd health, and the *development of homebred animals.*

Recognition for high butterfat production of over 1,000 pounds included: Maril-Dale Reflection Kathy 5511312 (Ex), owned by Vernon R. Umble, Christiana, and sired by Pennstate Marksman Reflection 1270143 (VG), a bull that has earned Gold Medal Sire recognition and was bred in the Umble herd. Maril-Dale produced 23,754 pounds of milk and 1,035 pounds of butterfat in 365 days.

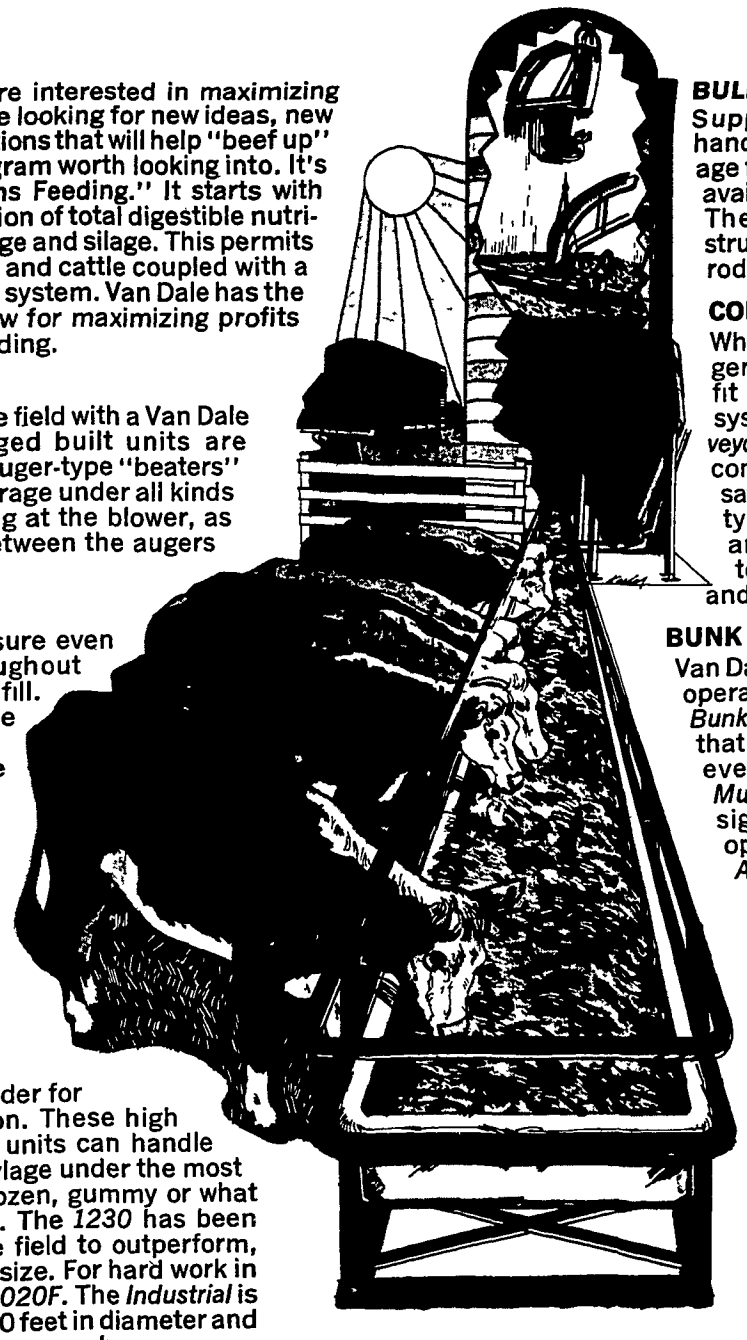
BEEF UP

As a beef operator you're interested in maximizing your profit picture. You're looking for new ideas, new methods and new innovations that will help "beef up" your profit. Here's a program worth looking into. It's called "Van Dale Systems Feeding." It starts with maximizing your production of total digestible nutrients with increased haylage and silage. This permits the best use of your land and cattle coupled with a fully mechanized feeding system. Van Dale has the equipment and know-how for maximizing profits through mechanized feeding.

FORAGE BOXES
So let's bring it in from the field with a Van Dale *Forage Box.* These rugged built units are equipped with exclusive auger-type "beaters" that deliver all kinds of forage under all kinds of conditions. No clogging at the blower, as the forage is metered between the augers —not over the top!

SILAGE DISTRIBUTORS
Van Dale distributors insure even silage distribution throughout the silo for a maximum fill. The *1640 Power-Fil's* unique revolving deflector plate diverts the explosive force of incoming material and spreads it evenly in a continuous sweeping pattern to the wall. The *538* operates in an elliptical motion, directing forage to the outside walls of the silo. Varied spout rotation speed allows for even fills.

SILO UNLOADERS
There's a Van Dale unloader for every feeding application. These high performance twin-auger units can handle virtually any silage or haylage under the most adverse conditions . . . frozen, gummy or what have you, and do it fast. The *1230* has been customer-certified in the field to outperform, and outlast any make its size. For hard work in smaller silos there's the *1020F.* The *Industrial* is built for silos from 20 to 40 feet in diameter and has a capacity up to 40 tons per hour.



BULK STORAGE BINS
Supplementary feeds are easily handled with *Van Dale's* bulk storage feed bins. The *Super Stores* are available in 4½ or 7½ ton sizes. These units are fiberglas constructed. They won't rust, dent, corrode or absorb heat from the sun.

CONVEYORS
Whether straight-out, incline, auger or chain, Van Dale conveyors fit most any automated feeding system. The *SCC 1400 Chain Conveyor* is Van Dale's highest capacity conveyor. It handles all rations—safely. The *CT 200* and *300* auger type conveyors are adaptable to any feeding system. They're tough, efficient, easy to install and economically priced.

BUNK FEEDERS
Van Dale has a bunk feeder for every operation. The *SCF 1400 Traveling Bunk Feeder* is a single chain unit that will carry and feed virtually everything. The *Mammoth 14 Multi-Feeder* is an auger type designed especially for multi-lot operations. The *934* and *1234 Auger Bunk Feeders* are the sturdiest, smoothest operating, lowest cost feeders ever produced. Then, there's the stainless steel *Shaker Feeder.* A combination feeder and bunk designed for single-lot operations.

Van Dale Systems Feeding comes down to one word . . . efficiency. Van Dale offers various models and sizes of feeding equipment to most efficiently match the needs of every feedlot layout . . . old or new, large or small. Check with your Van Dale dealer to see what you need to maximize your profits. And ask him about Van Dale's new agri-leasing program.

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Farm Exports Rise, Despite Dock Strike

U. S. farm exports increased six per cent during calendar year 1971, the U. S. Department of Agriculture announced recently.

This follows an increase of 22 per cent the previous year.

The shipment of farm products abroad in 1971 was hindered considerably by a July to November dock strike, however. When ports opened under a Taft-Hartley injunction in December, shipments rose to $842 million for the last month of the year.

The final figures for 1971 puts agriculture exports at $7.7 billion, a new high, the USDA said.

Secretary of Agriculture Earl L. Butz said the strike caused losses in the hundreds of millions of dollars to American farmers from reduced 1971 sales, from lower prices and from the likely cut in future sales as foreign buyers turn to other supply sources.

U. S. agriculture ended the year with a favorable trade balance of $1.9 billion in a year when the total U. S. trade balance was a deficit of $2 billion.

Don't 'Starve' Alfalfa, Speaker Urges

Most farmers who grow alfalfa don't get nearly as much yield per acre as they could and a major reason is that they starve the crop with low levels of fertiilization, Dr. Richard M. Thorup, regional agronomist of Chevron Chemical Company, told local farmers attending the annual Ortho banquet Monday at Meadow Hills Dining Hall.

Farmers can readily expect yields of five to six tons per acre of alfalfa "if we do the things we now know can be done," Thorup stated.

But the statewide alfalfa production average in 1971 was only about half that amount, or some 2.65 tons per acre.

While the ag industry has been proud of rapid gains and output in many areas, Thorup noted that he recently saw an 1876 Pennsylvania Farm Year Book in which alfalfa output was 1.23 tons per acre. It's taken nearly 95 years to double this output but "let's hope it doesn't take another 95 years to again double."

Thorup noted the world record alfalfa output by a California farmers who produced 16.2 tons per acre on 11 cuttings on year-round farming. While the local climate isn't adaptable for year-round farming, Thorup emphasized he thinks yields in the six to 10 ton range are attainable with present know-how.

He stated that it takes a lot of good management and planning to get these high yields and he stated that "fertilizer is one of the very important aspects of crop yield."

He showed a chart indicating that alfalfa nutrient requirements are much higher per acre than corn, emphasizing that farmers who attempt to get top alfalfa yields from good corn ground can often expect to be disappointed unless they build up the soil.

He stated that farmers putting alfalfa on ground which has been farmed by corn for many years may be "literally starving the crop to death."

He quoted the Ohio State University study which emphasizes that alfalfa needs nutrients at levels two or three times higher than corn.

To give an indication of just how much fertilizer may be required, he cited what he described as a typical farm which may have soils with levels of 40 pounds of phosphorus. But alfalfa takes levels of around 90 pounds for top yields. But in the first year of growth alfalfa will only take up about one-tenth of the available phosphorus.

He explained that instead of a simple difference of 50 pounds per acre, this means that the farmer must apply 10 times as much or some 500 pounds initially just to bring the soil up to the optium level for alfalfa production.

Once this high level of fertility has been reached, Thorup explained, it then is simply a matter of replacing each year the amount which is taken off by the crop.

But he emphasized that until the farmer makes this initial investment and gets the ground built up to the proper nutrient level, he can normally not expect yields to go much beyond the three or four tons per acre level.

High levels of nitrogen and potash also are important. The crop itself generates much of its own nitrogen requirements.

But Thorup emphasized that he foresees the time when farmers who are interested in high alfalfa yields will be compelled to apply extra nitrogen. While the crop can generate its own nitrogen need for three and four ton yields, he indicated he thinks the crop will need help with nitrogen at the higher yield levels.

Asked after the talk about the economic importance of the alfalfa crop, and cost versus return on fertilizer, Thorup noted that alfalfa in Lancaster County's second largest crop with 52,000 acres in alfalfa. He estimated that probably 40,000 of these acres are under-fertilized.

For the farmer interested in getting the top yield, Thorup acknowledged that the biggest investment will be in bringing the crop fertility levels up to what they should be. But he added that the main reason this would be necessary is that farmers have been taking the nutrients out of the soil over the years without putting enough back.

He explained that most farmers already are putting some fertilizer on their alfalfa and that the difference to take the crop from what is now being used to what should be used probably would not be too great. He indicated that the farmer probably can get by on total cost of fertilizer equivalent to the value of the return of a half ton per acre of alfalfa. But the difference in yield from proper fertilization may be many times greater, he indicated.

He added that proper fetilization will result in alfalfa with higher protein content and more feed value.

"I think we certainly have the potential for increased production," Thorup condluded.

My Neighbors

"Well I felt sorry for the poor creature being a hundred-to-one shot and I felt my bet would boost her morale."

Central Tractor Meets

The fifth meeting of the Central 4-H Tractor Club was held February 29 at Landis Brothers, Inc., Manheim Pike, Lancaster.

A demonstration was given by Dennis Landis on ignition and compression checking tools.

Glen Porter, local leader, gave a demonstration on the importance of fuel and air mixture.

The next meeting will be held at 7:30 p.m. March 7 at Landis Brothers.

News Reporter,
Jere Swarr

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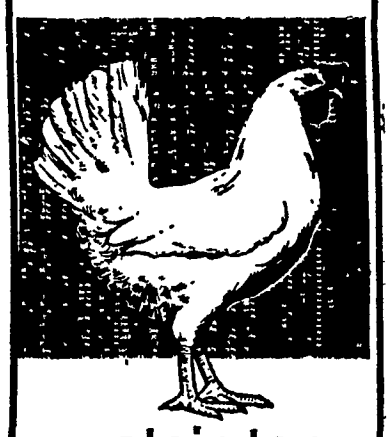

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Purina Dairy Conditioner Special can prepare cows for good production at low cost

If you're not among the many good local dairymen who have started mixing Purina Dairy Conditioner Special with your own grain to build a research-proved dry cow ration, it can pay you to check into this low-cost way of feeding dry cows.

Purina Dairy Conditioner is a 16 percent protein ration, fortified with extra Vitamins A and D plus phosphorus to help guard against milk fever.

To help you save on dry cow feeding, Purina Research recommends varying feeding levels, depending on cow condition and the quality of your roughages. For example, if a cow is in good condition and your roughages are of excellent quality, you would feed less Purina dry cow ration than if the cow were in only fair condition and if the roughages were of only fair quality.

*Reg. Trademark—Ralston Purina Co.

Using Purina Check-R-Mix* formulas we can build you a low-cost dry cow ration, combining Purina Dairy Conditioner with your grain. Or, if you're feeding low-protein roughages, it may pay you to feed Dairy Conditioner "straight" — just as it comes from the bag.

More and more successful area dairymen are proving that good dry cow feeding pays off in extra cow condition — and extra milk production in the next lactation. For example, 100 to 200 pounds of additional body weight at freshening can pay off in 1,000 to 2,000 pounds of extra milk during the lactation.

Drop in soon and get your free copy of the Purina Dry Cow Program folder We'll be glad to point out how Purina Dairy Conditioner Special can help prepare your dry cows for good production at low cost.

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Help Us Serve You

If your organization didn't make our farm calendar this week, it's not because we don't like you or your organization.

We may have missed it in the rush. Or maybe you forgot to tell us.

Either way, we'd like to extend our farm community service to you.

To get on the Farm Calendar, remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. And help us serve you better.

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Participating in a unique public affairs education program being conducted jointly by the Cooperative Extension Service and the Department of Agricultural Economics and Rural Sociology of Pennsylvania State University are: from left, Charles H. Rohrer, Paradise RD1; Peter H. Norton, Extension resource development agent, and Chris M. Lantz, of 53 Logging Road, Leola. The group, meeting in Lewistown, is currently involved in 20 days of intensive training in economics, sociology, communications, public speaking, meeting management, and government. The sessions are designed to provide the participants with a broader understanding of problems facing rural Pennsylvanians. Those taking part have received W. K. Kellogg Fellowships which are defraying costs of instruction, study materials, and room and board while at the institutes and on field trips.

congratulations to Lester Hawthorne

Lester has just completed his new dairy system near Elizabethtown. His building is constructed with 80′ clear span laminated rafters and houses 140 cows. His system is designed with liquid manure and has a modern milking parlor with automatic take-off milkers.

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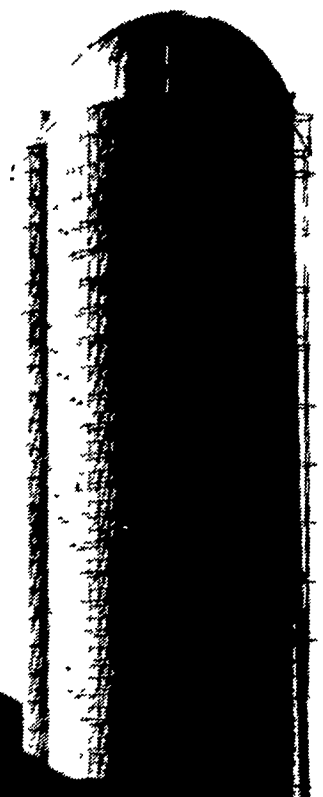

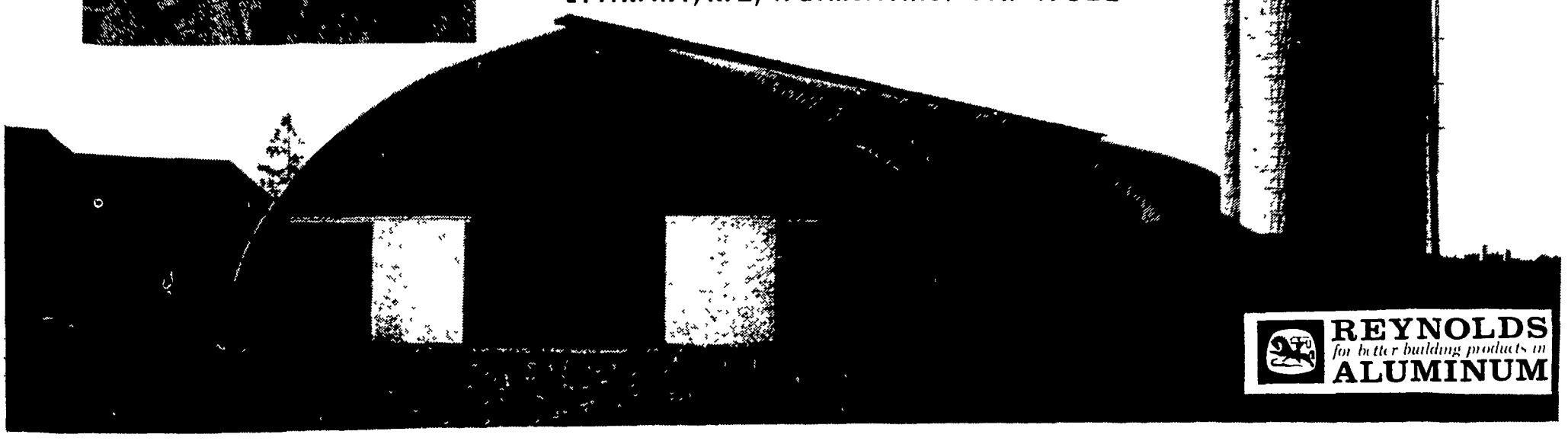

REYNOLDS for better building products in ALUMINUM

Unity in National Farm Industry Is Needed

(Continued From Page 6)

At the same time, the rate of growth in the U. S. and Canada is "reasonable" and continuing to slow down.

In India the population continues to double every 25 years. World-wide the population is doubling every 33 years.

The evening program started with a film featuring Norman Borlaug, described as "the first dirty hand agricultural scientist" to receive the Nobel Peace Prize for his work in developing new strains of wheat to increase yeilds in the poor countries and a void world famine. In the film, Borlaug emphasized that "we will all starve" if use of pesticides is not allowed.

In commenting on the Borlaug film, Dr. McVickar emphasized that despite the "green revolution" being led by Borlaug "food production is not keeping pace with population in the poor countries. The major food problems will (continue to) be in the developing countries and not in the developed countries such as the U. S. and Europe."

In India the population is continuing to rise at the rate of three per cent per year while food output is going up at only two per cent. Dr. Borlaug predicts, noted McVickar, that the green revolution "will buy only 30 years of time."

World-wide, Dr. McVickar noted there will continue to be food shortages in the underdeveloped countries for years to come while this country continues to be faced with surpluses.

But Dr. McVickar emphasized that the world is changing faster and faster, "a process both exciting and terrifying." He reviewed the history of transportation from the donkey to the train and car and airplane and even faster airplanes — all in this century. "And the speed at which we will travel will continue to go up."

He demonstrated the relative speeds of travel by holding up objects beginning with a grapefruit and ending with a pin head to emphasize how much faster this increased transportation speed enables people to get from one place to the other and literally shrinks the world.

As a result of all these transportation changes, according to Dr. McVickar, "what we do in Pennsylvania now has an influence on what they do in Red China and what they do in Red China has an influence on what we do in Pennsylvania. That's why the president's trip had to come."

He also stated, "All the people of the world are truly living in one world."

He projected that by the year 2000 some 85 per cent of all the products in use then still have not yet been invented.

He foresees that competition will continue to become keener and keener in nearly all phases of agriculture. He predicts continued trends toward specialization, which will probably mean California will continue to dominate tomato production but Pennsylvania will continue to increase milk output.

Noting that the U. S. farmer already takes care of some 39 persons in this country and another six persons abroad through exports, McVickar projected an even greater world role for the farmer. He projected that China "may be a good customer for U. S. wheat, soybeans, cotton and products of that nature."

And while actual farm numbers continue to decline, farming is still the nation's number one industry and will continue to be number one for some time.

PROTECTIVE COLORATION is the only way to describe the paint job on this car, one of the few permitted to roam Safari World, an exotic animal park near Coarsegold, Calif.

Won't Burn

Although water contains a combustible gas, hydrogen, it won't burn because it has already burned. Water is hydrogen dioxide resulting from the combustion of hydrogen and oxygen.

P&SA Bond Rules Tightened

The U.S. Department of Agriculture recently announced a new policy which will require that surety bonds filed with the Packers and Stockyards Administration on a voluntary basis meet the same standards as bonds required of livestock market agencies and dealers under regulatory authority.

The new policy became effective January 8.

The policy does not affect such firms as livestock dealers and market agencies who are required to provide bonds as a measure of financial protection to the sellers with whom they do business.

The policy affects persons who are not required by the Act and regulations to post bonds. In recent years many persons have voluntarily filed various types of bonds to show good faith and assurance of payment for livestock purchases.

Previously, the Packers and Stockyards Administration accepted voluntary bonds for informational purposes only. Under the new policy, P&SA will accept voluntary bonds only when they meet all conditions imposed on bonds required under the regulations. The agency will continue to provide assistance in bringing claims against voluntary bonds to a prompt conclusion.

P&SA officials said the new policy is part of an overall program to provide better financial protection for livestock sellers, to prevent misunderstanding, and to protect the integrity of bonds required under P&S regulations.

The new policy was proposed in a notice published in the Federal Register on July 30, 1971. Interested parties were given opportunity to submit views, and generally supported the proposal.

Proceedings under the Packers and Stockyards Act are open to the public. Copies of this policy statement may be obtained from the Information Officer, Packers and Stockyards Administration, U.S. Department of Agriculture, Washington, D.C. 20250.

Harold Knechel
Harleysville, Pa.

"The Harvestore System was the way I had to go to make a good living and keep my family interested in farming...

My family tells me we are handling 110 cows easier than 60. The same acres of high moisture corn will last four months longer than dry corn. Our butterfat test is up .2% and milk is up 2,000 lbs. per cow. Before our new set-up, we produced $30,000.00 worth of milk. We had to invest some borrowed money but we will sell $110,000.00 worth of milk in 1971."

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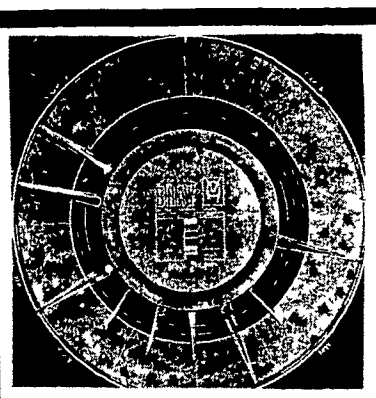

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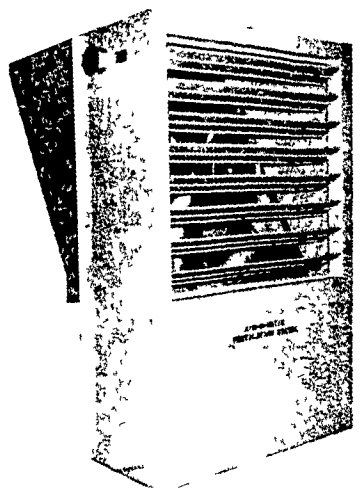
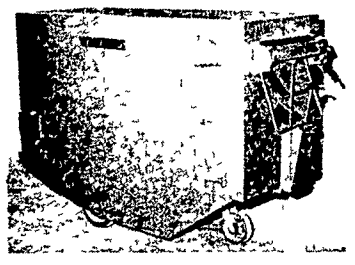


AIR-O-MATIC VENTILATION FANS
OF ALL SIZES AND SHAPES



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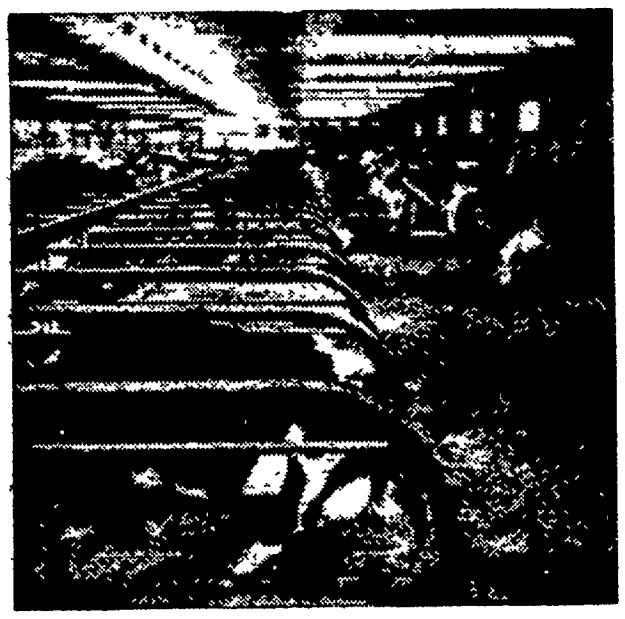

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OR SEE US AT DAIRY DAY
MARCH 7, FARM ' HOME CENTER

Annual Dairy Day Is Set Tuesday

A panel discussion on milk marketing will be among highlights of the annual Lancaster County Dairy Day program at the Farm and Home Center Tuesday, March 7 from 9 a.m. till 3 p.m.

Panel moderator will be Joe S. Taylor, Penn State University chairman of dairy extension. The panel will begin at 11 a.m. and run till the noon lunch period.

Members of the panel, entitled "State Milk Marketing Board," will include: Henry R. Geisinger, Pennsylvania Milk Dealers Association; Daniel L. Martin, director, Inter-State Milk Producers' Cooperative; and Maurice Martin, secretary, Pennsylvania Milk Marketing Board.

Master of ceremonies of the Dairy Day program is N. Alan Bair, assistant Lancaster County ag agent.

Some 17 agri-business firms will have exhibits with up-to-date equipment and ideas for viewing by local diarymen. All interested farmers and agri-businessmen are invited to attend.

Inspection of the exhibits is scheduled for 9 a.m. and during the lunch period from 12 noon till 1:30 p.m.

Lunch will be available at a cost of $1.25 per person. Milk, ice cream and cheese will be donated by milk distributors and manufacturers of dairy products.

The program will begin at 9:30 a.m. with a dairy promotion film by the Atlantic Dairy Association.

At 10 a.m. W. Wayne Hinish, Penn State University agronomy Extension specialist, will present "Manure Values and Handling" followed at 10:30 a.m. by "Care and Economics of Dairy Equipment" by Stephen B. Spencer, Penn State dairy Extension specialist.

Following the luncheon recess, the program will resume at 1:30 p.m. with Dr. Richard S. Adams, Penn State dairy extension specialist, on "Dairy Feeding to Prevent Breeding Problems." At 2:15 p.m. Dr. Samuel Guss, Penn State Extension veterinarian will present "Antibiotics and the Dairyman".

The 1972 Dairy Day committee members and the organizations represented are: Max Smith, Lancaster County ag agent, chairman; James Barnett, Inter-State Milk Cooperative; Arthur Breneman, Lancaster County Guernsey Breeders Association; Robert Bushong, Lancaster County Agricultural Extension Service; Donald S. Eby, Red Rose Dairy Herd Improvement Association (DHIA).

James Esbenshade, Lancaster County Ayrshire Breeders Association; John Flora, Zausner Foods Corporation; J. Wade Groff, Lancaster County Agricultural Extension Service; Simeon Horton, Mounty Joy Milk Cooperative; William Deisley, Moore Dairy.

William Killough, Penn - Dairies, Inc.; Robert Keen, Queen Dairy, Inc.; Jay E. Landis, Lancaster County Holstein Breeders Association; Amos Rutt, Lancaster County Agricultural Extension Service, and Dr. H. G. Wohnseidler, Sealtest Supplee Dairy.

Difference Between Farm and Retail Prices Up Sharply

Marketing spreads—which rose an average 1.4 per cent annually during the 1960's—in 1970 recorded an unusually large 7 per cent gain over 1969, according to a report issued recently by the U. S. Department of Agriculture.

USDA's Economic Research Service has published details on farm-retail spreads for a market basket of farm foods periodically since 1941. In the current report, which updates past publications, new data and procedures have been used to caluculate farm-retail price spreads to improve accuracy.

The report presents revised farm-retail spreads for a "market basket" of domestic farm-originated foods and 46 individual foods. It also includes analysis of these statistics and a detailed description and evaluation of the data and techniques employed in their development.

The big jump in the marketing spread—the difference between returns to farmers and price consumers pay—during 1970 accompanied substantial increases in wages and other costs of doing business during the inflationary period of the late 1960's. Marketing costs and price spreads, with the exception of slight dips in 1965, climbed every year during the past decade.

Marketing spreads generally account for most of the rise in the retail cost of a market basket of farm foods.

A copy of "Farm-Retail Spreads for Food Products," MP741, is available free on postcard (please include your zipcode) or telephone (388-7255) request to the Office of Information, U. S. Department of Agriculture, Washington, D. C. 20250.

Single Car Accidents Cut 50% by Lane Lines

Secondary roads which are marked according to Federal Highway Administration standards successfully improve safety ratios, according to a recent study of traffic accidents sponsored by Potters Industries, Inc. of Carlstadt, N. J.

"Test areas marked with double yellow center lines, white skip lines indicating passing zones and white edgelines, showed a 50 per cent reduction in single car accidents where the road was previously unmarked," John P. Manley, executive vice president of Potters, reported.

"Where the road was previously marked with only a single white center line and edgelines, we found a 32 per cent reduction." Control roads which were not marked showed an increase of 38 per cent in single car accidents, he said. The test was made in West Milford, N. J. from May through August, 1971.

If you like shish kebabs, Irish stew, or lamb in any other way, you'll want the new booklet, "How to Buy Lamb," just released by the U S. Department of Agriculture's Consumer and Marketing Service Illustrated with photos of popular retail cuts and a chart of the cuts from a side of lamb, the booklet is a gold mine of information for the consumer For a free single copy, drop a postcard to· Information Division, C&MS, U S Dept of Agriculture, 26 Federal Plaza (Rm 1653), New York, NY 10007.

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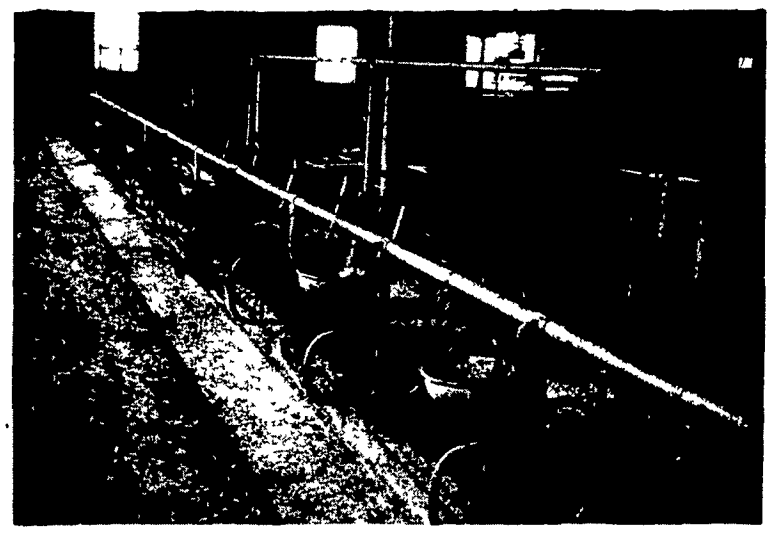

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New Acids Give Corn Storage Alternative, Better Feed Value

Preservation and storage of high moisture corn with naturally-occurring acetic and propionic acids is a new and efficient method of feeding livestock, scientists report at Pennsylvania State University.

Until now, artificial drying or storage in air-tight containers has been essential to avoid spoilage in shelled and ground corn averaging 25 per cent moisture content.

Such preservation with mixtures of acetic and propionic acids increases the feed efficiency of corn fed to beef cattle and sheep, according to Dr. L. L. Wilson and Dr. T. A. Long of the Department of Animal Science at Penn State.

In studies just completed, they also found that the cost per bushel of treating the grain is similar, or slightly higher, than the cost of drying field-shelled corn. The new process sprays shelled ground corn with mixtures containing about 1.6 per cent, by weight, or acetic and propionic acid.

In the Penn State experiments, acid-treated corn was placed on a barn floor. There was no spoilage observed in either acid-treated corn or sorghum.

Such grains are normally harvested when the moisture content is about 25 per cent and then are dried to 14 per cent moisture. Some air-tight storage is used to prevent spoilage of such high-moisture grains.

Metabolism studies with lambs found that digestibility of acid-treated, high-moisture corn was not significantly different than digestibility of dried shelled corn.

More protein was digested and retained in the lambs' bodies when the animals were fed acid-treated, high-moisture corn than when fed ensiled, high-moisture corn without acid. The ration contained 30 per cent ground hay and 70 per cent ground corn.

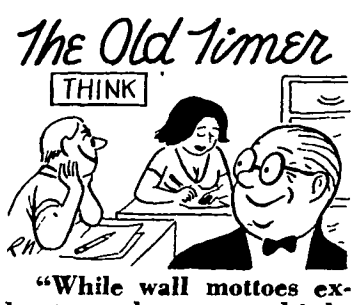
In a study comparing steers fed the dried shelled corn versus the acid-treated, high-moisture corn, feed efficiency was increased nearly five percent with acid treatment. The cattle ate about two per cent more acid-treated grain dry matter than the dried shelled corn.

The steer experiments indicated that acid-treated, high-moisture corn can produce slightly greater weight gains and slightly better feed efficiency than the dried shelled corn. Average daily gains of the steer group fed acid-treated, high-moisture corn were 2.59 pounds per head per day, compared with 2.42 pounds per head per day for the steers fed dried shelled corn.

Treated corn was also tested in poultry rations by Dr. R. M. Leach and Dr. O. D. Keene of the Department of Poultry Science. While there was no effect on growth rate, the rations containing acid-treated grain showed a five per cent loss in feed efficiency. This decreased feed efficiency may have resulted from moisture content of the grain rather than from acid treatment, the scientists point out.

Certain precautions are necessary in handling and storing acid treated corn. The acids, particularly acetic, are corrosive. Metal or concrete storage facilities should be protected with plastic linings.

Combinations of acetic and propionic acids are available commercially, and an applicator is also on the market.



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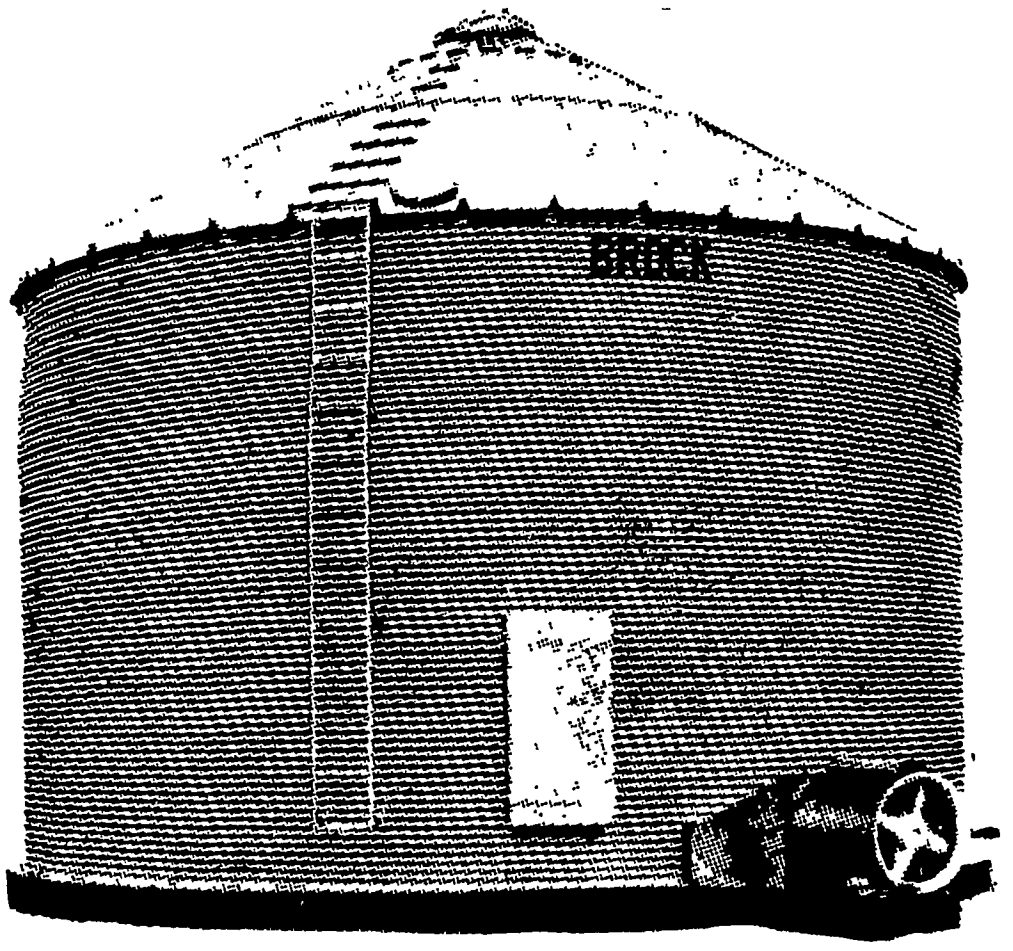

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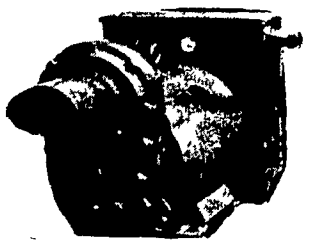

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Willis Rohrer, P. L. Rohrer and Brothers, Inc., Smoketown, middle, was presented a "Golden Dealer" award plaque by D. B. Barlow, general manager of the Ortho Division of Chevron Chemical Company, San Francisco, at right. Looking on is Bob Strawn, Ortho District Representative from Douglasville, who accompanied Rohrer to San Francisco for the Fifth Annual Ortho Golden Dealer Advisory Panel Conference held to honor the Company's top fertilizer dealers who are both business and community leaders and selected by Chevron Chemical to be among the nation's outstanding representatives of agribusiness. Rohrer and Strawn were featured speakers during the two-day seminar.

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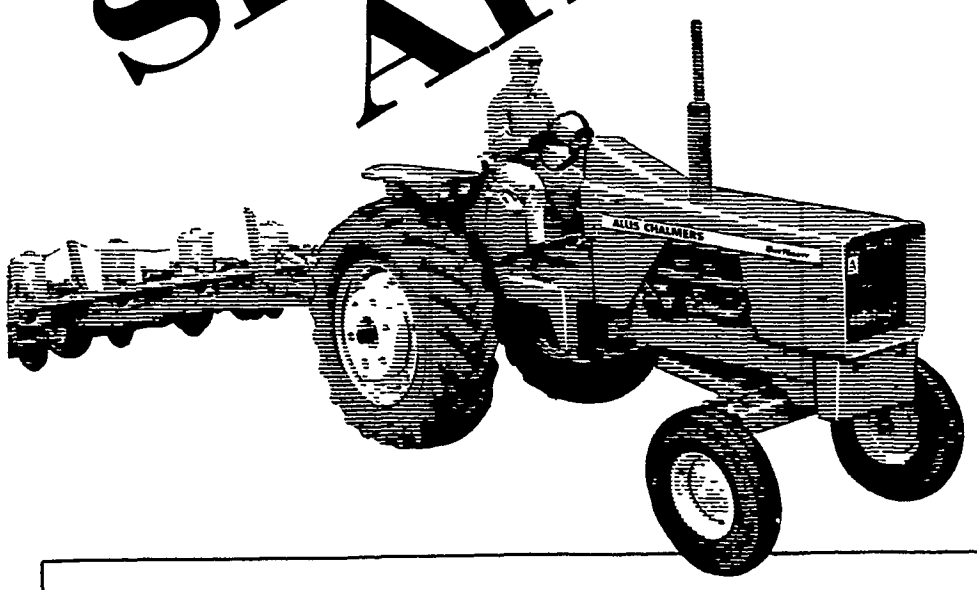

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Donald S. Eby, Gordonville — Breezy Glen Ivanhoe Vichi 5821366, seven-years-old, 20,780 pounds of milk, 894 pounds of butterfat in 305 days; Breezy Glen Ivanhoe Nancy 5205214, ten-years-old, 18,190 pounds of milk, 765 pounds of butterfat in 307 days.

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J. Mowery Frey and Son, Lancaster — Suny Glo Osborndale Pabst 5715552, eight-years-old, 21,740 pounds of milk, 774 pounds of butterat in 305 days.

Henry E. Kettering, Lititz — Henket H Apollo Eileen 6841878, three-years-old, 19,000 pounds of milk, 771 pounds of butterfat in 305 days.

Clarence M. Murry, Drumore — Wissler-Run Black Magic Ida 6622392, four-years-old, 20,540 pounds of milk, 781 pounds of butterfat in 289 days; Maple Run W R Alice 6331285, six-years-old, 18,510 pounds of milk, 769 pounds of butterfat in 305 days.

Nathan E. Stoltzfus, Gap — Smyrna View Hector Fanny 6624024, four-years-old, 19,420 pounds of milk and 743 pounds of butterfat in 305 days.

Meat Consumption Continues Up in '71

Per capita consumption of pork in 1971 reached the highest level since 1944, Clifton B. Cox, chairman of the Board of Directors of the American Meat Insititue reported recenlty.

On the average, each person in the United States ate 73 pounds of pork last year, an increase of nearly seven pounds over 1970.

These spectacular increases in pork boosted total red meat consumption in 1971 to a record of 192 pounds per person, said Cox, who is president of Armour Food Company in Phoenix, Ariz.

He predicted that total meat production and consumption will reach new highs in 1972.

Cox said that the decision of the nation's farmers to raise fewer pigs this year will cause a 750 million pound decline in pork production and a five pound decline in per capita pork consumption.

However, these decreases will be offset by a substantial increase in beef supplies as a result of the record feed grain harvest in 1971 and the available supplies of feeder cattle.

Cox predicted that beef production will rise to 23 billion pounds in 1972 boosting per capita consumption to an all time high of 119 pounds — up five pounds over the previous record set this year.

In addition to pork, American consumers, on the average, last year ate nearly 113 pounds of beef, down somewhat from 1970; about three pounds of veal and slightly more than three pounds of lamb, Cox reported. He said that beef consumption last year edged downward due to lengthy dock strikes that held up imports.

Total meat production in 1971 rose 1.6 billion pounds to a record 37.8 billion pounds. By categories, this was: beef, 22 billion pounds, up nearly 316 million pounds; pork, 14.7 billion pounds, up 1.3 billion pounds; veal, 520 billion pounds, down 68 million pounds, and lamb and mutton, 560 billion pounds, up slightly over 1970.

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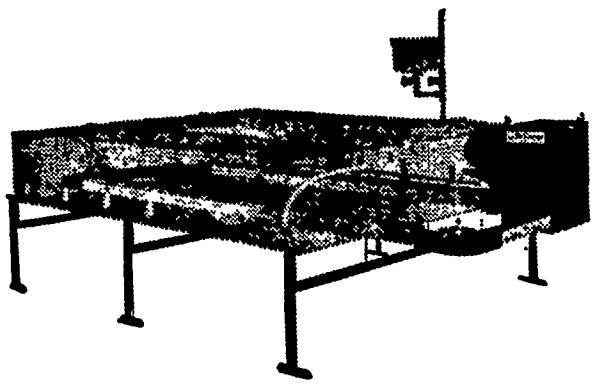

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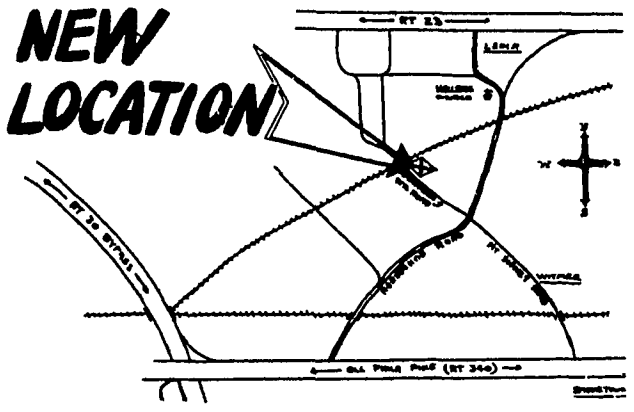

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Farm Credit System Loans Up in '71

American farmers and their cooperatives borrowed a record $14.4 billion through the lending units of the farm Credit System during calendar year 1971, according to figures released recently by the Farm Credit Administration. The total represents a 15.8 per cent increase from the $12.4 billion in borrowings during the previous year.

Loans outstanding from the System on December 31, 1971 were $16.3 billion, up 10.2 per cent from the $14.8 billion of a year earlier.

Federal Land Banks, the System's long-term farm real estate mortgage lending unit, had loans outstanding of $7.9 billion, an increase of 10.2 per cent from $7.2 billion a year earlier. Loans made were up 52.9 per cent - to $1.6 billion from the $1.0 billion made in 1970. The large increase in loans made represents a willingness by farmers to return to long-term borrowings now that interest rates have receded from their exceptionally high levels of two years ago.

Production Credit Associations, which farmers use for short and intermediate term credit, loaned $9.4 billion during the year, up 13.8 per cent from the $8.3 billion in 1970. PCAs had loans outstanding at year-end of $6.1 billion, up 14.6 per cent from the $5.3 billion a year earlier.

PCAs obtain most of their loan funds through Federal Intermediate Credit Banks. FICBs also discount notes and make loans to other financing institutions. Last year the total of these loans and discounts made through "OFIs" were $641 million, with $239 million outstanding at year-end. Both figures are about the same as a year ago.

The Banks for Cooperatives - which provide the majority of financing for the nation's farm supply, marketing and business service cooperatives - made $2.7 billion in loans last year, up 10.3 per cent from the $2.5 billion in 1970. Loans outstanding held constant at $2.0 billion.

The Farm Credit System obtains its loan funds primarily through the sale of bonds and debentures in the nation's money markets. During 1971 the System sold $13.0 billion of these securities and at the end of the year had $14.4 billion in securities outstanding. The figures represent increases of one per cent in securities sold and 10.7 per cent in securities outstanding from 1970.

The Land Banks and PCAs, the two farm lending units of the System, supply 21 per cent of the approximate $65 billion of total credit used by farmers. The Banks for Cooperatives provide about 60 per cent of the financing for the nation's farmer cooperatives. In the past five years, farmers' total use of credit has expanded at about nine per cent annual rate.

The Farm Credit System is owned by the farmers and cooperatives borrowing from it and makes loans throughout the United States. The Farm Credit Administration is the supervisory Federal agency of the System.

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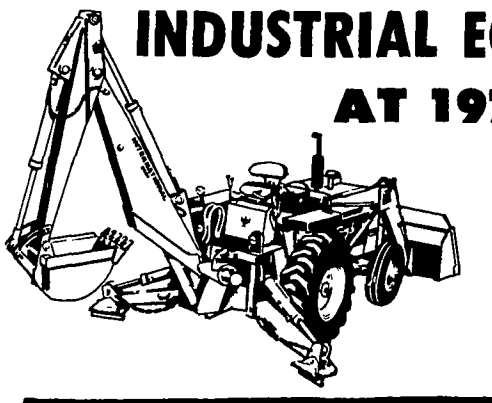

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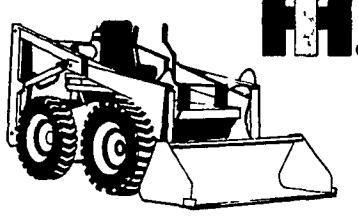

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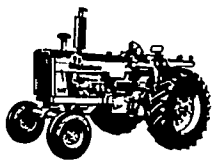

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Is Hog Cholera Lurking in Your Freezer?

Editor's Note: The crusade to end hog cholera as a threat to hog producers in this country could well be described as in the "mop-up" stage. The number of cases is declining sharply. Use of vaccines, which can in some instances spread the disease, have been banned. Now that the disease is "on the run," so to speak, it's more important than ever for producers to stop new outbreaks in order that the disease can be completely eliminated. The following article recently by Dr. D. R. Stauffer, DMV, acting senior staff veterinarian of Swine Disease Programs, Animal and Plant Health Service, U. S. Department of Agriculture, offers advice to help in the "mop-up" of hog cholera:

Is hog cholera hiding in your freezer or refrigerator?

The cooperative State-Federal Hog Cholera Eradication Program is moving into its final phase. Hog cholera cases have cropped from 679 in 1970 to 118 in 1971. Only 18 of last year's cases occurred within the last six months.

Thirty-two States are hog-cholera-free as of January 1, and the remaining States and Puerto Rico should qualify for that status within the next year. The only significant appearance of the disease recently has been a late-December outbreak in south Texas.

With natural hog cholera infection so rare, this leaves two main sources of the disease: (1) illegal use or improper disposal of vaccines, and (2) feeding of improperly cooked, cholera-infected pork to swine.

Either of these could be lurking in your freezer.

Since both are a potential treat to the hog cholera eradication program animal health officials are concenred that they be eliminated, not forgotten.

Current eradication program regulations and procedures guard against the spread of cholera in the field, but only the cooperation of swine producers, veterinarians and bologics users can permantently eliminate these long-lived sources of hog cholera virus.

In recent months, officials of USDA's Animal and Plant Health Service and the State Departments of Agriculture have launched a major effort to locate every remaining stock of vaccine, serum, or virus tissue culture, and where possible destroy them. Materials needed for export, research, or diagnostic work will be isolated from possible entry into swine herds.

Nationwide inquiries have turned up 600,000 doses of hog cholera virus and vaccines, located in 34 States. Most were held by bological houses for export; however, 72,316 doses were destroyed, including all the virus found in nine States.

Sixteen States reported finding no virus in their search. In addition to this progress, all bologics manufacturers have voluntarily given up their licenses to produce hog cholera vaccines.

Sounds great, doesn't it? But animal health officials are still concerned about the many freezers and refrigerators not covered so far in the search for virus.

How many producers still have some vaccine left over from earlier days, when it was the only way to guard against the disease?

How many veterinarians or pharmacists have supplies stuck away and forgotten?

How many diagnostic and research laboratories still have virus stocks? How many still use them in their work?

How many farmers have frozen pork over a year old? Frozen pork that could be fed to hogs in garbage at some future date?

Questions like these do not let leaders of the eradication program sleep any better. As long as potentially infected pork and virulent bologics are abroad in the land, hog cholera can return.

What do you do about it?

Don't feed raw garbage or pork scraps to your hogs. If you do practice garbage feeding, cook all materials thoroughly.

Don't dump or improperly dispose of old vaccines.

And under no circumstances use vaccines on your swine—it's illegal and a good way to infect your herd.

If you do have old vaccines, contact State or Federal animal health officials in your area. Report the amount and description of the material. Officials will pick it up and have it destroyed by one of the safe, approved methods.

If it is impossible to arrange for official collection of the virus or vaccine, the material can be destroyed in its original container by one of three methods:

Autoclaving—Cook at a high temperature in a pressure cooker for a half-hour.

Incineration—Burn in a furnace or incinerator at a high temperature.

Boiling—Boil for one half-hour or longer. Report the amount and type of materials destroyed. However, the safest disposal is to turn in the materials to State or Federal animal health officials for destruction.

Three national hog cholera eradication committees and the Ad Hoc Committee for Hog Cholera Surveillance have all pointed to the existence of hog cholera virus stocks as a major threat to the success of the eradication effort. The only permanent eradication is the one in which there is NO source from which the disease can get another start.

Goal of the nationwide hog cholera eradication program is a hog cholera-free United States by December 1972. The goal was set nine years ago when many people thought it couldn't be done.

Now, it looks like we will come very close—within a month or two—if we all remain alert.

But the job is not yet done. Go to your freezer of refrigerator; take a look. Are you hiding the next case of hog cholera?

Local Farmers Join Holstein Assn.

Pennsylvania, the second largest dairy state in the Northeast, took the lead in the number of new members received by the Holstein-Friesian Association of America at the latest meeting of the board with 172 new individuals and firms.

New members include:

Lancaster County — Abram G. and John E. Barley, Washington Boro, Christ L. Beiler, Ronks; Elam S. Beiler, Gap; Enos R. Buckwalter, Trust, Lancaster; J Wilmer Conrad, Willow Street

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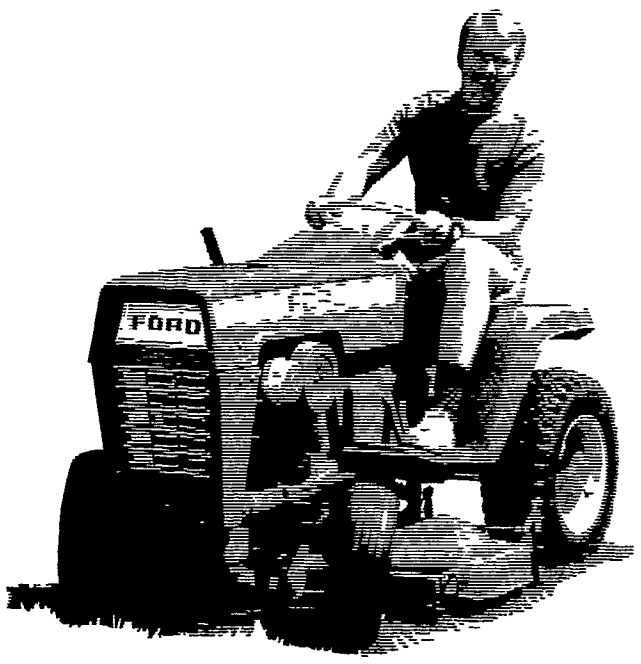

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From Local Ag Teachers:

Thoughts in Passing

By Dick Wood,
Floriculture Instructor
Brownstown Vo-Tech
Sixth in Series

Spring is just around the corner and, as you thumb through the mailorder catalogues for seeds and plants to put out this spring, think of what you can do with what you've got on hand.

Now is the time to make those last cuttings of your favorite geranium to increase your plant numbers. A nice plant may be acquired by cutting what are called stem tip cuttings from your large specimens.

The cutting should be from four to six inches in length, free of any disease and of good vigorous growth. Take leaves and their petiole off, leaming two or three at the very tip.

Insert the cutting into a very coarse soil in a three inch clay pot with more sand than soil, and water it.

During the two or three week rooting time, keep the soil moist but not soaking wet.

After the roots are well under way, fertilize with a soluble, balanced fertilizer. This way you can have as many plants as you desire.

Another item worth mentioning as the days get longer and light intensity increases is the care of house plants. Thoughtful care during this change of season is appreciated by plants.

As light length and intensity increases, so does growth. The plant should be supplied with more room and newer soil for good root growth.

To give your favorite plant more room, an increase in size of pot is necessary. This is the

Dick Wood
Floriculture Instructor

safest and easiest way to get more room. One word of caution: do not increase size of pot too much for overwatering can cause trouble. A good way to get your plant out without injury is to turn it upside down and knock the rim of the pot gently on the edge of the table holding your hand over the top of the ball to catch it.

In the new pot, with small stones or a piece of broken pot covering the drainage hole, put in new unused soil mix.

An inexpensive mix and one with good drainage is one of equal parts of soil, peatmoss and coarse sand. Put the ball on top of the layer and fill in around with new soil mixture, leaving from ¼" to ½" from the rim of the pot Water thoroughly, allow to drain and water again.

These steps will allow your house plant plenty of room for growth during the spring and summer.

Tip of the week: Too much Tender Loving Care (TLC) for your house plants can do more harm than good.

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Farm Calendar

(Continued From Page 1)

Young Farmers Leadership Training Conference, Cedar Crest Middle School

7 p.m. — Solanco Young Farmer Parent-Son banquet, Middle Octorora Presbyterian Church.

7:30 p.m. — Central 4-H Tractor Club meeting, Landis Brothers, Inc , Manheim Pike, Lancaster.

7:30 p.m — Ephrata Young Farmers milk marketing course, "State and Federal Regulations and Controls," ag department, Ephrata Area High school.

7:30 p.m — Penn Manor Young Farmers monthly meeting, "Calibrating a Corn Planter," vo-ag room, Penn Manor High School.

Garden Spot Young Farmer concrete course, vo-ag room, Garden Spot High School

Lancaster County Farmers Association board meeting, Farm and Home Center

Pennsylvania Feed Industries conference, Penn State University, March 7 - 8.

4:30 p m. — Lancaster County Vocational Agriculture Teachers Association meeting, Pequea Valley High School; 6.15 p.m., dinner with Pennfield Corporation representatives, Bird-in-Hand Motor Inn.

Thursday, March 9

7:30 p.m. — Poultry Educational meeting, Farm and Home Center.

Chester County Extension Service Clothing Construction course, Paoli United Methodist Church.

Friday, March 10

1 p.m. — Pennsylvania Egg Industry Phase II meeting, Agriculture Building, Harrisburg.

7 p.m — Manheim Young Farmers annual banquet, Manheim Central High School.

7 p.m. — Grassland FFA Annual Parent-Son Banquet, Garden Spot High School.

7 p m. — Twin Valley FFA Banquet, Twin Valley High School cafeteria, Elverson RD2.

7 p.m. — Pennsylvania Egg Marketing Association meeting, Sheraton-Conestoga Inn, Lancaster.

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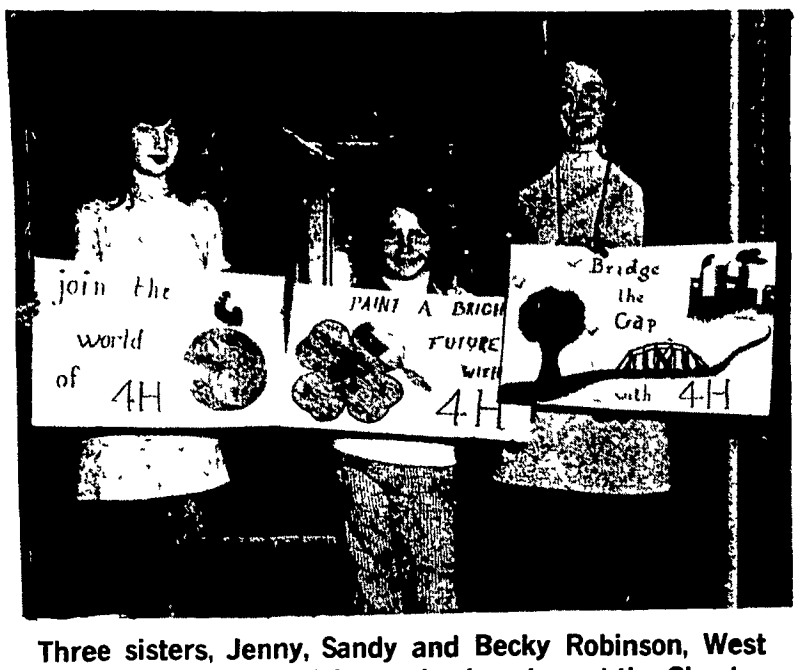


Three sisters, Jenny, Sandy and Becky Robinson, West Grove, exhibited three of the ten best posters at the Chester County 4-H Poster Contest recently at Downingtown.

Some 44 4-H'ers competed in the Chester County 4-H poster contest February 14 at the Dowingtown United Methodist Church.

What is 4-H? What does it do? Who is it for? The answers to these and other questions were interpreted in poster form by the 4-H'ers.

The top 10 entries will be sent on to state competition in March. Entries made by Pam Taws, Paoli, Carla Nafziger, Dale Nafziger, Phoenixville RD; Libby Ekdahl, West Chester RD; Jenny Robinson, Becky Robinson, Sandy Robinson, West Grove; Joan Liesau, Spring City RD; Allison Scheib, Phoenixville RD, and a team of Bonnie Shaw, Debbie Ferguson and Karen Feguson, Downingtown RD, will represent Chester County in state competition.

Judges for the contest were Joan Lucas, assistant Lancaster County Extension home economist, Judy Longenecker, former Lancaster County 4-H'er and Maria Jekowski, Delaware County 4-H member.

Eats Everything

The loris, a tiny, slothlike primate, crawling through the trees, stalks its prey. It eats insects, small rodents, birds and lizards—swallowing everything, even bones and feathers.

USDA Developing Near-Perfect Spray?

Science is steadily working its way toward the perfect chemical spray—one that is harmless to man and animals, does not persist in the environment and one that insects can not build up a resistance to, according to the USDA.

Laboratory tests with an experimental insecticide, designated SBP-1390, show the compound to be the most potent yet of insect sprays in the pyrethroid class

Pyrethroids comprise a class of compounds which are chemically related to pyrethrum, a natural insecticide found in some plants. There is evidence this natural insecticide was used by man 2,000 years ago.

Researchers at Beltsville, Md., using SBP-1390, have obtained mortality rates approaching or equaling 100 per cent with aerosols against DDT resistant house flies and Japanese beetles, and with sprays against DDT susceptible house flies and German cockroaches. Sprays also killed about 80 per cent of the yellow fever mosquitoes.

For the first week after application as a residue, SBP-1390 killed crickets more effectively than chlordane and took care of German cockroaches better than malathion. It was also more effective than malathion against DDT resistant house flies and far more effective than DDT against face flies.

When tested in insecticidal coils to repel northern house mosquitoes, SBP-1390 was as effective as pyrethrins.

Concentrations of the compound in water as low as .01 parts per million caused 100 per cent mortality of back swimmer larvae within one day. This indicates a favorable degree of stability for the new spray in a water medium, researchers said.

The chemical is still in the developmental stage and is neither registered nor recommended for the use tested in these experiments. Before a pesticide can be released to the public, it must undergo stringent tests by its manufacturer, who than submits test data to the federal government for evaluation and registration.

A synthetic pyrethroid, resmethrin, is registered and commercially available. SBP-1390 is an isomer of that compound.

New Beetle Lure

Another insect is also getting some attention from researchers—the Japanese beetle which has increased its numbers substantially in the last few years.

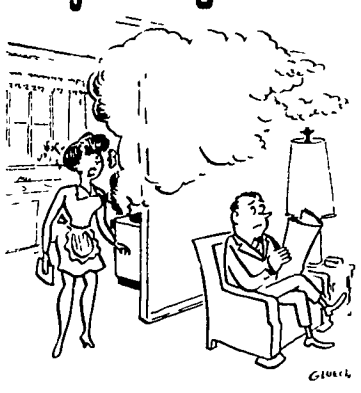
A potent new lure for Japanese beetles is more than four times as attractive as the standard lure.

Odor provides a means for the beetles to find many of some 275 plants upon which they feed. Powerful lures, more attractive than odors fo their natural foods, divert the beetles into traps which serve as a survey tool. The beetles may be destoryed in the traps without use of insecticides.

In tests conducted by the U.S. Agricultural Research Service, at Beltsville, Md., the USDA found that effective trapping of Japanese beetles with attractants may ultimately offer a control alternative to milky spore disease, now used as a biological control of the beetles.

The disease, induced by bacteria, has met with considerable success and is now spreading naturally among Japanese beetles. However, even where the disease is well established, there have been local and still not understood upsurges of the insect, researchers say.

My Neighbors



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Local Producers Show Home Economists Value of 'New Pork'

Home economists from several Lancaster County schools attended a dinner, film presentation and talks on "The New Pork" at the Willows Restaurant, Lancaster, last Friday night.

The program was sponsored by representatives of the Lancaster County Pork Producers Association to show the home economists the value of pork and to encourage its preparation in local school home economics classrooms.

Among those presenting the program were: Mr. and Mrs. John Hinkle, Strasburg RD1; Mr. and Mrs. Mark Nestleroth, Manheim RD3, and Mr. and Mrs. James Horton, Masonic Homes, Elizabethtown. All are active and well-known local pork producers.

In addition, Dr. John Zeigler, Penn State meat specialist, answered questions and commented on pork.

Zeigler backed up contentions in the films that "the whole theme of pork has been changed." He explained that producers used to grow out hogs for a certain length of time, such as a year, no matter how heavy the animals became. The emphasis now is on growing out quality animals at lighter weights rapidly, as little as four and a half months.

The result, according to Zeigler, is that pork does not have nearly as much fat as it used to have. The smaller proportion of fat, in turn, means more protein and fewer calories, the type of combination which the consumer wants today, Zeigler said.

In other comments, the meat specialist noted a "big change" in the recommended temperature for cooking pork. He emphasized that it's not necessary to cook the tender, new pork to 185 degrees. Temperatures of only 137 degrees will eliminate any danger of trichinosis.

He noted that many recipes for pork can be handled rapidly enough to fit the tight classroom schedule.

He also noted that pork has the most unsaturated fat of any of the meats.

The pork producers informed the home economists that pork for use inclassroom teaching will be available free, paid for by the hog industry's five-cent checkoff program. The pork is being paid for by the hog industry and will be supplied by E. W. Martin and Company, Lancaster County hog butchering company which is one of the largest such firms in the East.

Present at the meeting from the E. W. Martin firm were Harry E. Miller, 8 Della Road, Lancaster, manager of sales, Aaron Lapp, Gordonville RD1, production manager.

Dr. John Zeigler, left, Penn State meat specialist, chats with two representatives of the E. W. Martin and Company, local hog slaughter firm. They are: Harry E. Miller, center, manager of sales, and Aaron Lapp, production manager. The four were among those who participated in the recent pork educational meeting for Lancaster County home economists.

In particular, the evening meeting featured a sales pitch for use of pork cuts other than the popular cuts such as ham.

According to pork producers, a major problem of the pork industry is that a major portion of the total output is in pork cuts which are not now popular with the housewife. Too much attention is being paid to ham and loin cuts. Lack of demand for some of the other cuts tends to bring the overall return to the producer down.

As Miller of E. W. Martin commented, "We have a tendency to start at the back end of a hog, but actually the farther front you go the sweeter the meat is."

The films demonstrated numerous ways in which all parts of the hog can be cooked, both indoors and out.

In addition, to show that there are good pork cuts besides the ham and loin, the meal featured three pork dishes with meat from the front portions of the hog.

For housewives who may be interested, these are the recipes used featuring pork shoulder, pork blade steaks and porklets.

Pacific Porkabobs

2 pounds boneless pork shoulder, cut into 1¼ inch cubes
2 tablespoons brown sugar
1 tablespoon flour
1½ teaspoons salt
⅛ teaspoon pepper
¼ teaspoon marjoram
¼ teaspoon rosemary
1 cup pineapple juice
2 tablespoons Worcestershire sauce
¼ cup chopped onion
3 slices canned pineapple, cut in fourth or 12 canned pineapple chunks
12 maraschino cherries or kumquats.

Combine in saucepan brown sugar, flour, salt, pepper, marjoram and rosemary. Stir in pineapple juice, Worcestershire sauce and onion. Bring to boil and simmer 15 minutes, stirring occasionally. Cool. Pour marinade over cubed pork. Cover and refrigerate four to six hours or overnight. Drain marinade from pork, reserving it. Thread pork cubes on four 12-inch skewers alternately with pineapple and maraschino cherries or kumquats. Place kabobs on rack in broiler pan. *Insert pan so top of meat is five to six inches from heat. Broil,* brushing with marinade and turning to brown all sides, for 25

(Continued on Page 30)

Among those participating in the pork educational meeting at the Willows last Friday night are: left to right, Mrs. Mark Nestleroth, wife of the Manheim RD3 pork producer, presenting educational literature to Mrs. Jean Pryzbylkowski, and Miss Martha Stacey, both home economics teachers at McCaskey High School, and Mrs. John Henkle, wife of the Strasburg RD1 pork producer, who assisted in conducting the pork growers' educational meeting.

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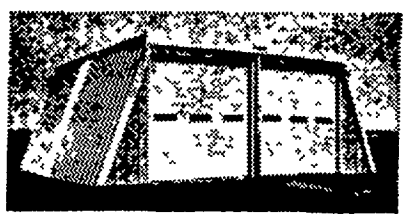

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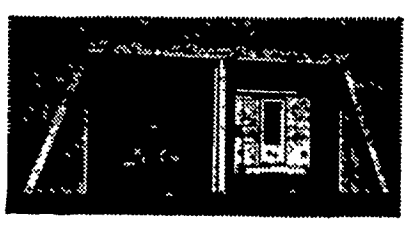

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Mrs. Stauffer, Mother of Five, Is Active in Farm Organizations

By Mrs. Charles G. McSparran
Farm Feature Writer

Mrs. Clarence (Vivian) Stauffer, Ephrata RD1, wife of a prominent successful farmer near Weidmansville in Clay Township, is the former village girl who said she never wanted to marry a farmer.

Mrs. Stauffer, the mother of five children, not only has entered into the actual laborous farm tasks, but has accepted leadership in many farm organizations.

She has also assisted her children in attaining success in their FFA, 4-H, diary and school projects. She is the owner of a certificate which she received when her son was state FFA treasurer which reads: "Presented to Vivian E. Stauffer, as a token of appreciation for the encouragement, cooperation and assistance given her son which contributed to his outstanding achievements in the FFA."

Mrs. Stauffer is president of Farm Women Society 3 which has 41 members. She has been a member for 18 years. She served two years as vice president and was program chairman in 1969 when the society celebrated its fiftieth anniversary.

This society has just one money-making project every year, but it is a tremendous job. They take care of a food stand the four days of Ephrata Fair. Mrs. Stauffer was chairman of this food stand. Last year they cleared $2,900 on the stand.

They recently gave $50 to the Farm and Home Center equipment fund and give donations to various local chairites.

Mrs. Stauffer is vice chairman of Lancaster County Farmers Association Women's Committee. She was on the talent program committee for their Ladies Day Out last year and is on the county picnic committee this year.

She helps Mt. Airy Fire Company Auxiliary with banquets and ox roasts which they have spring and fall.

Mrs. Stauffer was on the Women's Committee of the Ephrata Young Farmers a couple years. They have one meeting a year and get a speaker to entertain the women. The years she was on the committee they had someone demonstrate flower arranging and cake decorating.

Mrs. Stauffer was reelected to a three year term on the Lancaster County Extension Association board representing the northeast district this month. She has been a director three years.

She helps Mrs. Robert Gregory sometimes with the 4-H cooking club.

Stauffers own their 50 acre farm which is known as Sunny Craft Farm. They also rent 20 acres of ground. They raise corn, hay, rye and Sudan grass.

They did raise tobacco, but haven't raised it for six years Mrs. Stauffer helped with the tobacco.

They keep 30 registered Holstein cows and about 30 heifers. They have a very fine herd and keep five bulls for breeding purposes. Mrs. Stauffer helps with the milking in the mornings and sometimes in the evenings. They buy the grain for the dairy.

Stauffers raise broilers on contract with Pennfield Corp. at Rohrerstown and York. They put 27,000 chicks in their houses five times a year. They have been raising them since May 1966.

They have gas brooders and everything is automated after the chicks are two weeks old.

The company sends eight or ten people to catch the chickens when they go to market. Sometimes twice as many catchers come if they want to do it in a shorter time. Mrs. Stauffer makes cookies to serve to them and always serves a drink with them.

The chickens are dressed at Fredericksburg, Pa. They dress about 60,000 a day at that plant

Besides the farm operation, Clarence drives an Ephrata Area school bus for Ray Groff. He hauls both high school and elementary children mornings and evenings.

Earl is the oldest of the Stauffer children. He is now partner in the farm business and lives next door to his parents. He is married to Barbara Bixler of Fairfax, Va. Her father, Dr. Bixler, was veterinarian in Ephrata until five years ago when they moved to Virginia.

Earl graduated from Ephrata High School where he took the Agriculture course. He went to Iowa when he was in ninth grade and took part in the FFA dairy products judging. He was State FFA treasurer one year. In high school he wrestled, took part in cross-country, pole-vaulting and other tracks events. He played drums in the junior high school band.

He was selected as State Holstein Boy by the Pa. Holstein-Friesian Association for the period November 1970 to November 1971. It was quite an honor to be selected. He competed with two other boys and three girls who were chosen by the youth committee of the Pa. Holstein-Friesian Association. He went to Penn State University for a weekend and was chosen as Holstein Boy there in the finals. One of the high lights of the weekend was being able to attend a football game.

Part of his winning was due to his mother's keeping news clippings and pictures of honors he had received and inducing him to enter the contest.

Earl was in the Holstein 4-H Club, as were all the Stauffer children. He received several trophies on his Holstein cows and heifers, also two trophies on pigs.

He took a course in artificial breeding of cows with the Curtis Candy Co. after graduating from high school. He has a liquid mercury filled steel tank where he keeps the vials of semen he collects from their own bulls. He breeds their own cows and occasionally some for other farmers.

He does most of the milking but his parents help him.

Earl is a member of the Ephrata Young Farmers Association. He took first place in the hay contest with a yield of 8.38 tons to the acre at their annual banquet at the Mt. Airy Fire Hall February 5.

Stauffers' daughter, Nanette, graduated from Ephrata High school where whe was a member of the hockey team.

She is a sophomore at Catawba College at Salisbury, N. C. This is a U.C.C. Church College with an enrollment of 1108 students.

She is majoring in physical education. She took part in the deep south hockey tournament and she and another girl from Catawba made the team representing the deep south in the southeastern tournament.

Nan took part the last two years in the Lancaster Co. Dairy Princess contest. She was runner-up in 1970 when Marilyn Krantz was named as the Lancaster County Dairy Princess.

Nan took care of the calves when she was home. She worked as a helper at the playground in Ephrata Area and taught swimming two years at Ephrata pool.

Rhoda is a junior in high school, taking the academic course. She takes part in track, hockey and basketball. Their basketball team lost only one game this season and went on to win over Governor Mifflin 45-40 in Tuesday's game in the first round of the District Three Girls Basketball Championship. She works as a hostess at Zinns Diner Saturdays and Sundays during the school term, but will work there more this summer.

Yvonne is in eighth grade at Ephrata Junior High School and is in the band. Mornings and evenings she tends to the calves till they are six months old. She received the Holstein Showmanship award at Ephrata Fair. She is on the Ephrata Recreation Center swim team. She and Rhoda taught swimming at Ephrata pool through the Recreation Center.

Alice Kay is in sixth grade at Clay Elementary School. Alice Kay and Rhoda take care of the chickens.

Rhoda, Yvonne and Alice Kay are still in the 4-H Holstein Club and were in the 4-H Cooking Club.

Mr. Stauffer is a foster son of Mrs. Katie Snyder and the late J. N. Snyder. Before buying the farm six years ago, he farmed on the halves with Mr. Snyder. He has received many ribbons and trophies for his fine dairy herd.

Mr. Stauffer just reitred from Ephrata Area School Board at the end of 1971, having served six years.

The Ephrata Young Farmers, of which he was a charter member, presented him an appreciation award for service on the school board. He served as vice president one year and president four years. He was also on the county board two years and vice president of it one year. He went off the county board when it became the Intermediate Board between Lebanon and Lancaster Counties.

Clarence holds an Honorary

(Continued on Page 28)

Mrs. Clarence Stauffer is making cookies to serve the chicken catchers.

Mrs. Stauffer helps her husband prepare the booklet for the District Black and White Show.

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FARM CREDIT SERVICE

Farm Women Societies

Society 3

Farm Women Society 3 met at Coleman Chapel, Brickerville, with devotions being led by the hostess, Mrs. Esther Petticoffer.

Members answered roll call with safety hints. Mrs. Jay Miller reported that 12 dozen cancer pads were made by the committee.

The business meeting was conducted by the president, Mrs. Clarence Stauffer.

Mrs. Alva Weinhold, chairman of the program committee, announced that they would be sponsoring a bus trip to Mystic Seaport and Sturbridge Village on October 13, 14 and 15.

Miss Linda Stuber, chairman of the scholarship committee, reported that a $300 scholarship would be given to a student majoring in either home economics or agriculture.

A contribution of $50 was made to the Easter Seal Foundation, and $25 to the Hemophilia Foundation.

C. Daniel Biemesderfer, supervising principal of the Ephrata School district, spoke on "Where is my Commitment?"

Farm Women Calendar

Saturday, March 4

1 p.m. — Farm Women Society 7 entertain Society 21, Leacock Presbyterian Church, Leola.

1:30 p.m. — Farm Women Society 1, home of Mrs. Newcomer, Lititz.

Tuesday, March 7

7:30 p.m. — Farm Women Society 23, home of Mrs. John Newswanger, Millersville RD1.

Thursday, March 9

7:30 p.m. — Farm Women Society 14, home of Mrs. Arthur Groff.

Friday, March 10

7 p.m. — Farm Women Society 13, entertain Society 27 and County Board, Witmer Fire Hall.

Saturday, March 11

1:30 p.m. — Farm Women Society 25 meets.

Farm Women Society 19 meeting, Atlantic Breeders.

Society 5

Farm Women Society 5 enjoyed an interesting and enthusiastic lecture with pictures by the Rev. Hod Priest of his two weeks mission and visit to Viet Nam. He is associated with Evangelism Today.

The meeting was held at the home of Kathryn Eichelberger of East Petersburg with Mrs. J. G. Longenecker presiding.

The president announced that the Society will sew at the Lancaster General Hospital April 10.

The Spring Rally will be held May 10. Bus transporation will be available.

The Society members will meet at 12:15 p.m. March 14 at the East Petersburg Church of the Brethren to go the luncheon at the Willow Street Church of Christ where Society 22 will entertain.

Society 8

Farm Women Society 8 met at Saint Mark's United Methodist Church, Mount Joy. Meeting was postponed one week due to the weather.

There were 24 members present. Devotions were conducted by Mrs. Martin K. Miller.

Mrs. Lloyd Derr, president, was in charge of the meeting.

Speaker for the afternoon was Miss Anna Mae Eby assisted by her sister Ruth Eby who wore authentic Hawaiian costumes. They displayed literature and items they brought with them after taking a 16-day trip through the Islands. Anna Mae presented a series of slides they had taken. The sisters joined in singing a short, amusing song which they had learned on the Islands.

Minutes were read and brief reports from several committees were given. Mrs. J. Roy Greider (Ada) is a patient in the Lancaster General Hospital.

The group decided to help with the Retarded Children's project. The sewing of Cancer pads will begin at 1 p.m. Saturday, March 18 at the home of Mrs. Lester Wolgemuth.

Tickets for the bus trip to the Myersdale Maple Festival March 25 should be purchased immediately. Report to the Ways and Means committee. The bus will leave at 6 a.m. and return at approximately 9:30 p.m.

Two members of the Society presented a piano duet. Mrs. Clarence Greider and Miss Mary Grace Martin played Sonata Number 2 by Denton Diabelli.

Hostesses for the afternoon were Mrs. Clinton Eby, Marie Stoner, Alice Myers and Misses Anne Mae and Ruth Eby, who served refreshments suggesting favorites of the Hawaiian Islands.

Society 27

Farm Women Society 27 members entertained their husbands at a "Cupids Buffet" during Sweetheart Night at Musser's Spring House, Mount Joy.

Hosts and hostesses for the evening were: Mr. and Mrs. Robert Dunkleberger, Mr. and Mrs. Samuel Heineman III, and Mr. and Mrs. Harry McClenaghan. Devotions were led by Mr. and Mrs. Arthur Wenger.

Social committee members Mrs. John Hershey, Mrs. Harold B. Frey, Mrs. Lester Hawthorne and Mrs. Robert Kauffman planned an entertaining evening of games and contests with prizes for high and low scorers.

Roll call found each husband giving his wife a compliment using her initials. The wives returned the favor.

Members will be entertained by Society 13 on March 10 at Witmer Fire Hall.

Society 31

Farm Women Society 31 entertained their husbands recently at a banquet held at Rhoads Restaurant, Quarryville. Mrs. Robert Clark led the invocation.

Donald Reitz was the principal speaker at the special event. Reitz spoke and showed slides and movies of his hunting trip to Yukon.

A quartet of Society members and husbands sang a special selection of songs accompanied at the piano by Mrs. Charles Wilmer. The quartet included Mrs. Curtis Akers, Robert Kreider and Mr. and Mrs. Donald Trimble.

The next regular meeting will be a "Hobby Night' and will be held on Monday, March 20 at the home of Mrs. Robert Groff, Quarryville RD3. Mrs. James Kreider will serve as co-hostess.

Ida Risser

The beginning of March and the garden seeds and flower seeds are still unordered. Just can't seem to find time to order early.

We try to grow something a bit different each year in addition to the usual 20 varieties of vegetables. One year it was okra, then kohlrabi and even a row of peanuts to show the children how they grow.

I think I know the names of a few flowers, until I look over a catalog and see all those unfamiliar ones. Even though mine do not look as beautiful as the ones in the book, they do give me a wide choice for bouquets all summer.

Communication is important in the family and the community. We all hear a lot about the generation gap but luckily our family is a very talkative group and can discuss everything and anything.

Our Township has now employed "Community Relations" personnel. Through this endeaver, the officers of four PTA organizations were recently invited to have lunch with the principal of the district. An interesting discussion ensued on new schools and new types of cirriculum in a year-round school program.

It seems to be a matter of hearing the other person's point of view and having a chance to express ours.

xxx

Living close to a building development has its ups and downs. A number of years ago we had two non-farm children come to visit us when we were not at home.

However, they stayed to play in the barn. First, they divided a "full" bag of milk replacer between a number of small calves tied at various places. Then they gave each a pan of water.

Tiring of these feeding chores, they came to the house to catch cats. During the chase, a roasting pan of meat was upset and by the time we arrived home the cats had devoured the meat and the children had fled.

For the sake of good will, we never disclosed this episode to the parents.

Fix-It Tip

In the event a power failure disrupts the heating system in your home:

- An electric pump circulates the water in a hot-water system. Turn off the pump, open the flow valve on the water line and the warm water will circulate.
- If you have a fireplace or a gas stove, use these for sources of heat, closing off other rooms and keeping the family in the one warm room.
- If a window breaks, make temporary repairs Large sheets of plastic stapled to the window frame are best Make permanent repairs, then, after the wind subsides.

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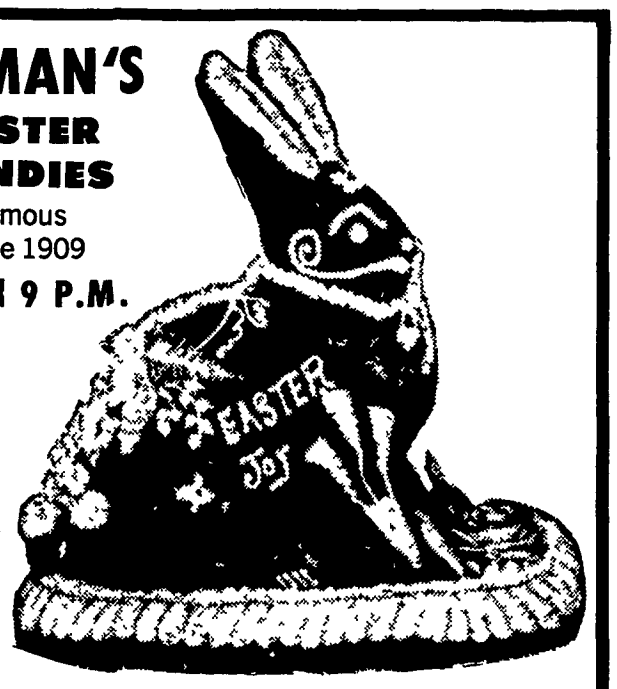

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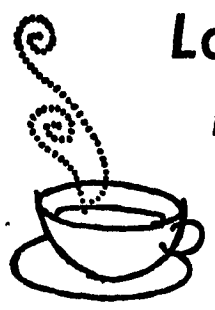


Ladies, Have You Heard?

By Doris Thomas,
Extension Home Economist

Doris Thomas

About Proper Use of Medicine

Remember medicines can be either a boon or a bane—depending on whether you use them properly or unwisely. And how you use them is up to you.

Because modern medicines have a powerful, and at times, an unpredictable effect on the mind and body, you should never take any prescription tablet or capsule unless your own doctor has prescribed it especially for you. And then make sure you take it only in the recommended dose.

For example, a doctor may prescribe a medicine that affects a patient's mood, if there's been an abnormal reaction to a problem situation.

But not all people react in the same way—even to the same situation. So the medicine that is needed by one person may be unnecessary for another. When it comes to tension and frustration, only a clinic doctor or a qualified physician can help decide whether a mood-changing medicine might help.

Because children learn by imitating their elders, parents have a special responsibility to make sure that children cope with life by facing it—not by swallowing tablets or capsules. Evading problems in that way can lead to even more serious problems.

Are you setting a good example *for your children?*

About Safety Tips On Cleansing Agents

Mixing common household cleansing agents can be extremely dangerous. Stick to the safety rule—read the label carefully and follow the manufacturer's directions exactly.

Remember that modern scouring powders often contain chlorine bleach. To be on the safe side, never mix bleach with any other cleansing compound. It's not worth the risk.

When two or more cleansers are combined, they can generate a poisonous gas. If inhaled, these fumes can cause serious injury and possibly death.

Sometimes a homemaker feels that one cleanser isn't doing the job for her, so she adds another.

Or, she may think that because one product is good, a combination will be even better. On the contrary, one product may neutralize or dilute another, or combine in a disastrous way.

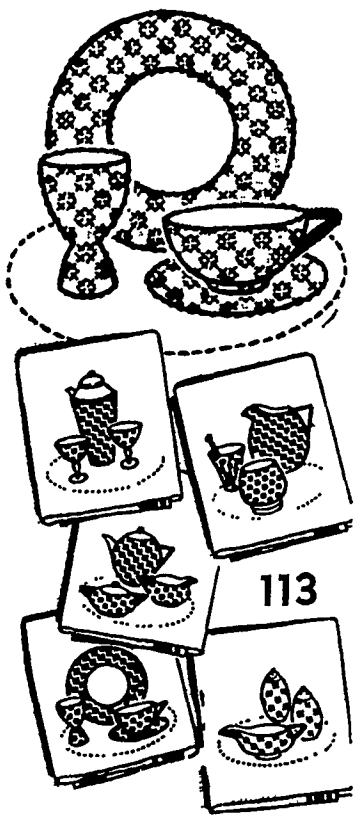
The addition of a chlorine bleach—a sodium hypochlorite solution—to an acid or acid-producing substance, such as a toilet bowl cleanser or vinegar, will suddenly release a quantity of toxic chlorine gas.

Similarly, when you mix bleach with other alkaline matter, ammonia or lye, the chemical action liberates a highly irritating gas.

Never mix bleaching agents with toilet bowl cleansers, am-

(Continued on Page 29)

Needle Arts
By NANCY SEWELL



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TO ORDER, send 60 cents for each pattern with name, address with Zip code, pattern number and size to NEEDLE ARTS, P.O. Box 5251, Chicago, Ill. 60680.

Stauffer Active in Farm Organizations

(Continued from Page 26)

Keystone Degree from FFA which he received at Harrisburg January 1970 when Earl retired as state FFA treasurer.

Mr. Stauffer is on the Clay Township Planning Commission.

He is zone chairman for the Lions Club for District 14D, zone B, which is Lebanon and Lancaster Counties. As such, he visits six clubs.

He is a member of the Pennsylvania Farmers Association. He served three years as membership chairman. He and Earl are Safemark dealers for PFA. They handle mainly tires and batteries for the members.

Mr. Stauffer is a State Holstein Association director from Lancaster County. He is on the youth committee now. This committee selects youth winners on the basis of pounds of milk and butterfat produced.

He won at the District and State Holstein Show and placed third at the Eastern National Show at Harrisburg. He was chairman of the District Holstein Show at the Guernsey Barn last year and will be this year. Mrs. Stauffer helps him set up the catalog for the district show. They have to list all the age groups for the animals entered.

Stauffers are members of Hopeland United Methodist Church. Mrs. Stauffer and Earl are on the Local Conference Church Board. Mrs. Stauffer is a member of the Women's Society of Christian Service. Rhoda is a substitute Sunday School teacher for fourth, fifth and sixth grades.

Mrs. Stauffer is the daughter of Mr. and Mrs. Stanley Weit of Hopeland. She graduated from Lititz High School. She does not find time for hobbies, as she is kept busy not only with farm and household chores, but also chauffeuring the children to school, 4-H and other activities. She cans pickles and freezes vegetables, meats and fruits to supply her family with lots of good food.

Vivian does her own paper hanging with some help and does a fine job. She just finished doing three bedrooms. Presently she is antiquing a bedroom suite.

She made white outfits for her four girls to show their animals. She also made a couple outfits for Nan to take to college.

She is a good housekeeper and likes to cook.

Here is the recipe for the cookies she serves the chicken catchers and a few other recipes:

SOUR CREAM COOKIES

½ cup shortening
1½ cups sugar
2 eggs
1 cup sour cream
1 teaspoon vanilla
½ teaspoon soda
½ teaspoon baking powder
½ teaspoon salt
2-¾ cups flour

Mix and chill at least one hour. Drop on cookie sheet and bake at 375 degrees for 8 to 10 minutes. Ice them with a 10X sugar icing.

SWISS STEAK SUPREME

1 slice round steak, cut in serving pieces
Flour
Salt and celery salt to taste
1 large onion, sliced
1 can cream of chicken soup
½ soup can water

Pound flour into meat; brown in hot fat. Season with salt and celery salt; cover with onion. Warm soup and water; pour over meat and onions. Cover and cook at 325 degrees for 1 hour and 30 minutes or until meat is tender.

JELLO SALAD

Dissolve two packages jello in one cup boiling water. Add 1 number 2 can of crushed pineapple with juice. Stir and chill. When it starts to set, add ½ cup chopped walnuts and ½ cup of maraschino cherries. Fold in one pint sour cream.

CHOCOLATE CAKE

2¼ cups Gold Medal flour
2 teaspoons baking soda
½ teaspoon salt
½ cup butter
1 lb. light brown sugar
3 eggs
3 squares baker chocolate
½ cup sour milk
1 teaspoon vanilla
1 cup boiling water

Sift together flour, baking soda and salt. Cream butter and brown sugar. Add eggs and beat. Melt chocolate and add. Add alternately the sifted dry ingredients and sour milk. Add boiling water and vanilla. Bake at 350 degrees one-half hour or till baked.

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Ag Real Estate Values Continue Up

Advancing values of farm real estate made up more than half the $9.3-billion gain in farm assets during 1970, according to a report issued recently by the U. S. Department of Agriculture.

USDA's Economic Research Service estimates the major asset and liability accounts of the U. S. farming sector each year. In this report, which details the balance sheet as of January 1, 1971, farm assets were estimated at $318.9 billion and farm debt at $61.1 billion, leaving proprietors' equities of $257.8 billion. The $6.3 billion gain in equities was the smallest since 1964.

Farm real estate represented $214.0 billion of the farm assets at the outset of 1971—a gain of 2.8 per cent over the year before. Gains were generally far higher during the mid-1960's: in 1970 farmers appeared reluctant to bid up prices of farmland in the face of prevailing high interest rates. Land that depended more on farming activities to pay for itself—as in the Corn Belt States and westward—showed less increase in value than in the eastern and southern States where nonfarm uses influenced prices more.

Farm debt gained $3.0 billion during 1970. On a percentage basis, the increase amounted to 5.3 per cent, the smallest annual rise since 1960, reflecting relative inactivity in farm mortgage lending. Farm real estate debt, at $29.5 billion, was up only $1.1 billion from the year before as farmers shied away from entering into long-term contracts at the existing high interest rates. Non-real estate debt rose $2.7 billion during 1970, reaching a total of $29.7 billion on January 1, 1972.

The ratio of farm proprietors' equity to value of assets was 80.8 per cent on January 1, 1972, slightly under the 81.2 per cent of a year earlier.

A copy of "The Balance Sheet of the Farming Sector, 1971" AIB 356, is available free on postcard (please include your zipcode) or telephone (388-7255) request to the Office of Information, U. S. Department of Agriculture, Washington, D. C. 20250.

In the Kitchen

ZIPPY POTATO STICKS

6 medium potatoes
⅓ cup margarine, melted, or
⅓ cup low-calorie Italian salad dressing
3 to 4 tbsps. packaged seasoning mix*
Salt and pepper to taste

Wash and peel potatoes. Cut into sticks, ⅜-inch in diameter. Toss with margarine or low-calorie dressing and choice of packaged seasonings. Place on baking tin in a single layer. Bake at 400 degrees for 15 to 20 minutes or until golden and tender. Season with additional salt and pepper if necessary. Makes 6 servings.

*For packaged seasonings, choose from choice of dip mixes; casserole seasonings; taco, chili or meat loaf seasonings; spaghetti sauce mix; or crumb coating mixes.

Grange 66 to Hold Meeting on Land

Fulton Grange 66 met in regular session February 28 at the Grange Hall in Oakryn with Richard Holloway, Master, conducting the business meeting.

A committee was appointed to arrange a public meeting and invited Philadelphia Electric Company representatives to attend to find out what their intentions are concerning buying land in the Solanco area and how it will effect the citizens.

Local township supervisors are to be invited to answer questions concerning road construction and damages which will be inflicted upon property owners.

Also school board members will be invited, as they will be confronted with loss of taxable property and an influx of students to attend Solanco area schools

David Wissler was named publicity chairman for the Grange's annual supper which will be held April 8 at the Grange Hall.

The Youth Committee is sponsoring a bowling party at Strasburg March 11 at 9 p.m. and a Code-Reading class March 17 at 8 p.m. at the home of Mr. and Mrs. Jesse Wood, Little Britain.

Lancaster County Pomona Grange will host the Pomona District visitation meeting April 22, 8 p.m. at Honey Brook Grange Hall on Route 10 in Chester County.

Mrs. Rebecca Quinn, chairman of the Women's Activities committee, presented the program, and read "Ten Tips for 1972".

Lancaster County Pomona chorus, accompanied by Glenn Hough, sang "He Lives" and "School Days." Mrs. Edgar K. Brown spoke on "Educating of the Retarded Child."

Mrs. Gyles Brown spoke on "Feeding the Child." Mrs. David Knight gave a reading "Does History Repeat Itself."

Mrs. Thomas Galbreath conducted quizzes on Lincoln, Washington and Valentine's Day. Mrs. J. Stanley Stauffer Jr read "Today's Mothers."

The program themem for the next meeting, March 13, will be "Absent Minded Grangers." The Junior Grange will also meet.

Chester County Sewing Courses

A series of clothing construction courses are being offered in basic skills, intermediate skills and advanced skills, according to Carol Rothermel, Chester County assistant home economist.

The classes will begin the week of March 20 and meet weekly from 9:30 to 11:30 a.m. Registrations will be accepted until March 9.

The basic skills course will meet on Wednesday beginning March 22 at the United Methodist Church of West Chester. This course is designed for persons who have had little or no sewing experience and will teach "how to's" in choosing correct pattern size, fabric selection and preparation, layout, seams, darts, facings, and hems. The course will run for six weeks.

The intermediate skills course will be meet for six Tuesdays at the United Methodist Church of Paoli. The skills stressed in the intermediate course will be selection and use of interfacing, gathers and pleats, collars, set in sleeves, pockets and zippers.

Begginning March 22, the advanced skills course will meet at the United Presbyterian Church of Paoli, for a series of five meetings. This course is concerned with sewing on and using designer touches with difficult fabrics, selection and use of linings and underlinings, loops, belts, and designer touches.

There will be no meetings held the week of March 26.

A small charge is made for each of the courses.

To register for your selection of courses, contact the Cooperative Extension Service, Room 402, North Wing, Courthouse, West Chester. 696-3500.

Ladies' Have You Heard?

(Continued from Page 28)

monia, lye, rust remover, vinegar, or oven cleaner.

Remember, the safest way to use cleansers is to follow the directions on the label exactly.

Add the Soft Touch To Your Wash

Adding fabric softener to your laundry will give softness and fluffiness to all washable fabrics Perhaps more important, it reduces or eliminates static cling that often makes it necessary to peel away aynthetics and permanent press items when folding laundry or wearing garments Some fabrics no longer need ironing when softener is used, and those that do, dry with less deep-set wrinkles than ever before.

Though it isn't necessary to use fabric softener in every washload, frequent use is recommended. If softener is used with towels, for instance, where fluffiness is desirable but moisture absorption is also important, skip the use of fabric softener occasionally.

There are two types of fabric softeners. The most familiar is the one used in the rinse cycle Either dilute with water first and add it to the rinse water or pour into the washer's fabric softener dispenser, if available

It is important not to add other agents to the water when rinse cycle fabric softener is used. This includes bluing, water conditioner or any other additives. In fact, though fabric softener is effective in both hard and soft water, it should not be used in rinse water containing a packaged water conditioner

A new type of fabric softner can be used in the wash cycle or the rinse cycle Compatible with other wash cycle compounds such as detergents, these fabric softeners usually require that you add the fabric softner to the wash water before adding detergent and laundry Then proceed as usual.

Do not pour a wash cycle fabric softner into a fabric softner dispenser unless you want it used in the rinse cycle, the manner in which the dispenser is designed to work

Never add any kind of fabric softner to a bleach dispenser or a detergent dispenser These features are not equipped to handle softeners

Take care not to pour fabric softner directly on fabrics as it may cause staining If, however, this should accidentally occur, immediately hold the stained area under cool running water and rub with bar soap.

Softners are helpers worth trying. Next to getting clothes, towels and sheets really clean, a fresh, almost new appearance and soft, cozy comfort are the icing on the laundry basket.

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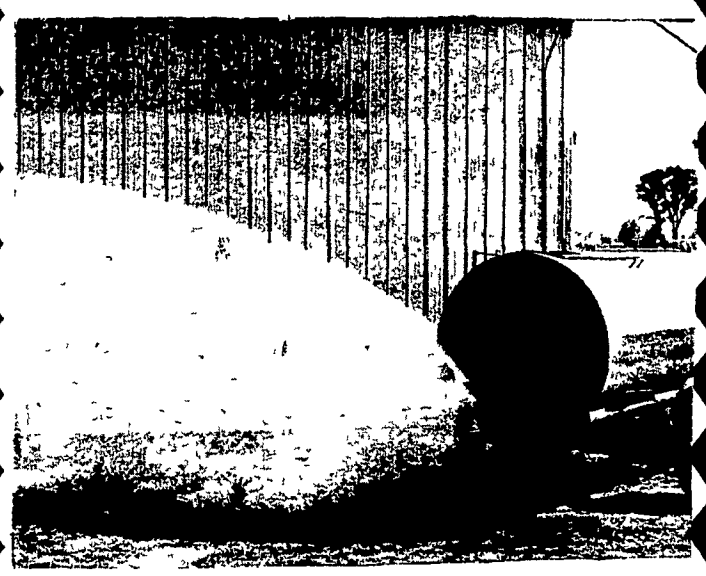

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To weigh your baby without the use of a baby scale, first weigh yourself on your regular bathroom scale while holding the baby. Then weigh only yourself and subtract

* * *

Before a child eats an ice cream bar on a stick, cut a slit in a small paper plate and slip the stick through You will prevent spots and stains on their clothing

For teen-age girls: When preparing to get baby sitter jobs, buy some file cards and write your name, address, telephone number and any other pertinent information on each card. Mail them to mothers in the neighborhood

* * *

A common dustpan makes the best sort of shovel to use when cleaning snow off of steps or outside stairways. Begin with the bottom step and scoop as you climb. Try this the next time it snows—it is quick, easy and efficient.

* * *

Salt rings can easily be removed from snow boots and galoshes by brushing them with vinegar and cold water

* * *

In winter, carry a small box of salt in your purse and put one in your husband's overcoat pocket. Sprinkle some salt in front of you on slick spots, such as slippery steps.

* * *

If you find you have omitted something you wanted to put in a letter that is all sealed and stamped, you can reopen the envelope by pulling the sealed part over a hot, lighted electric bulb.

Instead of discarding old dish drainers, save them to use in the winter time. Place them on several thicknesses of newspaper and place wet boots in them to drain. When you want to move the boots, they will be dry and, if enough newspaper is used, there is no mess. Just roll up the paper and discard

* * *

To renovate shabby boudoir lampshades, take two bouffant curler caps trimmed with rows and rows of lace, cut out the small net tops and put these over the old shades.

* * *

Need an extra pair of bookends for a student's room? Use two ordinary house bricks padded and covered with material matching or contrasting the draperies and bedspread. Slipstitch the material in place.

* * *

For a pretty hall lighting fixture, fasten a wicker bird cage over the bulb with wire.

* * *

Knitted or crocheted coasters come in handy to use on metal cans that might leave rust rings in the bathroom. If you have no coasters of this type, make some out of the tops of worn socks. These coasters work fine and save scrubbing up.

* * *

Regardless of what kind of window cleaner you use (even plain water with a squeegee and chamois), be sure to wipe the window until it is COMPLETELY dry or the window will streak.

* * *

If you want to rearrange heavy furniture, lift one end at a time and put a child's roller skate under each end. If you are moving the piece over bare floors, first glue felt to the skate wheels.

Home Economists Value of 'New Pork'

(Continued from Page 25)

to 30 minutes or until well done Six servings.

Savory Almond Din

2½ pounds pork blade steaks, cut ½ inch thick
2 tablespoons lard or drippings
1½ cups sliced celery
1 large green pepper, cut in ¼ inch strips
1 package (9 ounces) frozen Italian green beans
½ cup water
1 can (4½ ounces) whole mushrooms
1 can (8 ounces) water chestnuts, drained and sliced
2 teaspoons salt
⅛ teaspoon pepper
1 cup water
2 bouillon cubes
2 tablespoons cornstarch
1 jar (4 ounces) pimientos, drained and cut in 1-inch squares
Cooked rice
1-3 cup blanched whole almonds. toasted

Cut steaks into strips about one inch wide and two inches long. Brown meat lightly in lard or drippings. Cover tightly and cook slowly 30 minutes. Pour off drippings. In saucepan combine celery, green pepper strips and frozen Italian green beans with ½ cup water and bring to boil. Cover and simmer five minutes. Drain. Add celery, green pepper, beans, mushrooms and liquid, water chestnuts, salt and pepper to meat and mix well. Heat ½ cup water to boiling; add bouillon cubes and stir until dissolved. Mix cornstarch mixture with remaining ½ cup water. Add bouillon and cornstarch mixture to meat and vegetables and cook, stirring constantly until thickened. Add pimientos. Cover and cook over low heat five minutes, stirring occasionally. Serve with cooked rice and top with toasted almonds. Six to eight servings.

Porklets Romanoff

6 porklets
1 package (5½ ounces) noodles romanoff
1 can (4 ounces) mushroom stems and pieces
2 tablespoons diced pimiento
2 tablespoons lard or drippings

Brown porklets on both sides in lard or drippings at moderate heat. Drain mushrooms, reserving liquid. Follow package directions for preparation of casserole ingredients (oven method) substituting reserved liquid for part of the milk. Stir in mushrooms and pimiento. Arrange half the noodle mixture in bottom of 2½-quart casserole. Arrange three browned porklets over noodles. Cover with remaining noodle mixture and top with remaining porklets. Cover and bake in a moderate oven (350) 20 to 25 minutes. Six servings.

Among schools and organizations represented were: Conestoga Valley, Eastern Lancaster County, Ephrata, Centerville Junior High (Hempfield), Manheim Central, Manheim Township, Pequea Valley, Solanco, Warwick, McCaskey, Wheatland Junior High, Lincoln Junior High, John Reynolds Junior High, Brownstown Vo-Tech, PP&L and Lancaster County Extension service.

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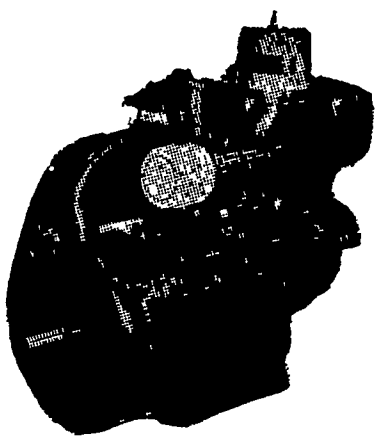

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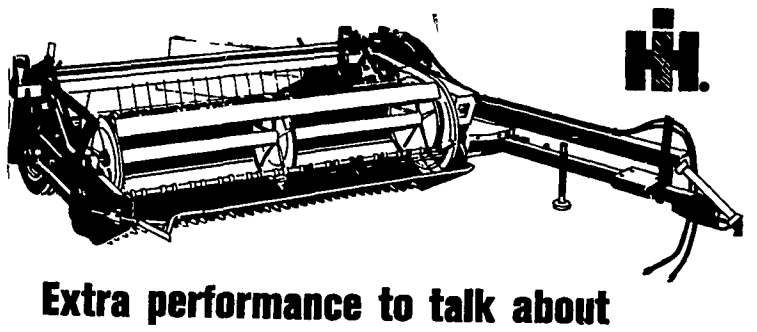

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Simple Wire Tightening System Announced

Editor's Note: Have some fence that needs tightening? Been dreading the job? An Iowa firm says it has a simple tool that will take most of the sweat out of the job. The firm reports:

A wire tightener that takes the slack out of fence in minutes without unstapling and restretching is now on the market nationally. Called "Reel-Tite," it is manufactured by Kermco Products of Monroe, Iowa.

Reel-Tite can be used on new, old or rusty barbed wire; on woven fence wire, electric fence, clothes line, small cables and guy wires. And one person can do in minutes what it used to take a fence crew many hours to do.

A supply of Reel-Tites — metal discs about the size of your hand — and a cranking handle are the only tools you need. It works like this:

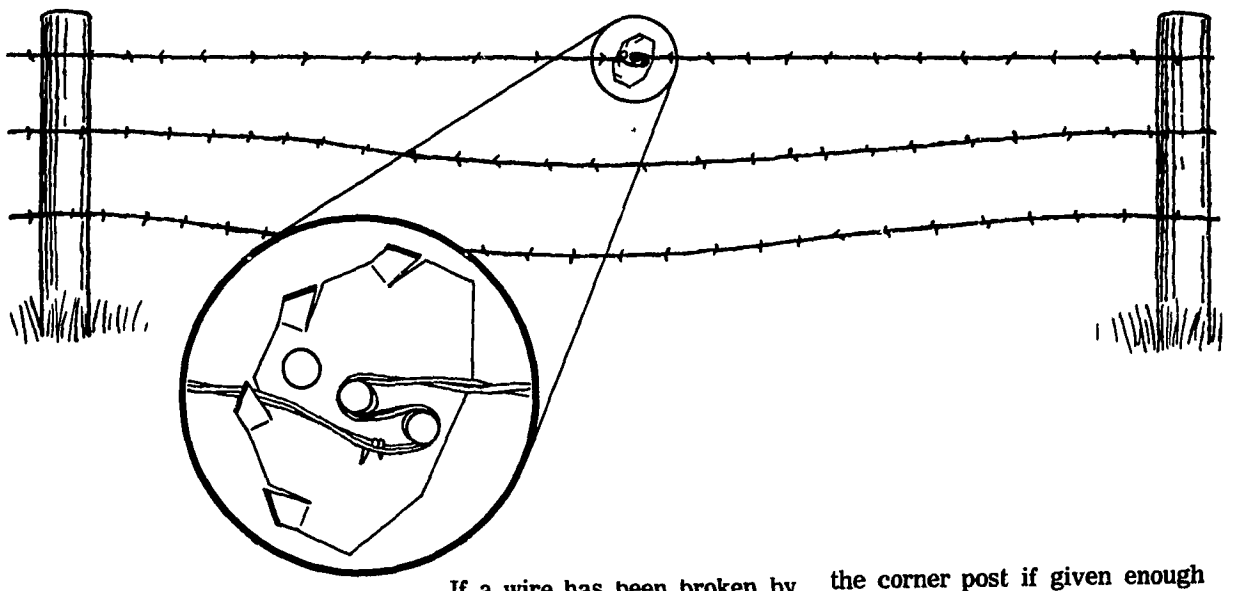
You place the Reel-Tite on the wire in the middle of the span you wish to tighten. You attach the handle to the disc and turn clockwise until the wire has reached the desired tension. Then one of the notches on the rim of the disc engages the wire, holding the wire tight and keeping the Reel-Tite securely on the fence.

The handle is removed and the Reel-Tite stays on the fence.

Because the discs, which are inexpensive, are left on the fence, any subsequent slack in the wire can be reeled up by simply re-engaging the handle and cranking up any new slack in the wire.

The Reel-Tite will take up slight slack in the wire for up to 80 rods. When there is a great deal of slack or rough terrain, more discs may be needed.

With a few Reel-Tites in your pocket and the removable handle, you can be an effective fence rider. Where you find a sagging wire as you check your fence, you apply a Reel-Tite, turn the crank and have a tight fence again. The handle is 24 inches long with a 6-inch grip.



If a wire has been broken by livestock or by a piece of machinery accidentally hitting it, a simple repair can be made by splicing a piece of wire at the break. Then attach a Reel-Tite and tighten it.

As anyone who repairs fence knows, if a new tight wire is broken, the slack will travel to the corner post if given enough time. By the same principle, if one of the Reel-Tite discs is placed in the middle of a slack span, it will stretch the wire all the way to the corner post if given enough time.

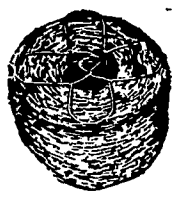
For more information on this handy, simple fence tool, write Kermco Products, Monroe, Iowa 50170, or call (515) 259-2987.

AGWAY

GIGANTIC WIRE SALE!

10% OFF Regular Prices

NOW THRU APRIL 17th
SUPPLY CENTER ONLY



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5 foot — 6 foot

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Lugged 'U' Posts

5 foot — 6 foot

6½ foot — 7 foot

8 foot

Woven Wire Field Fence

WOVEN WIRE

20 Rod Rolls

Galvanized Coated

7-26-6-11 — 8-32-6-11

6-35-12-11 — 9-39-6-11

8-45-12-11 — 10-47-6-11

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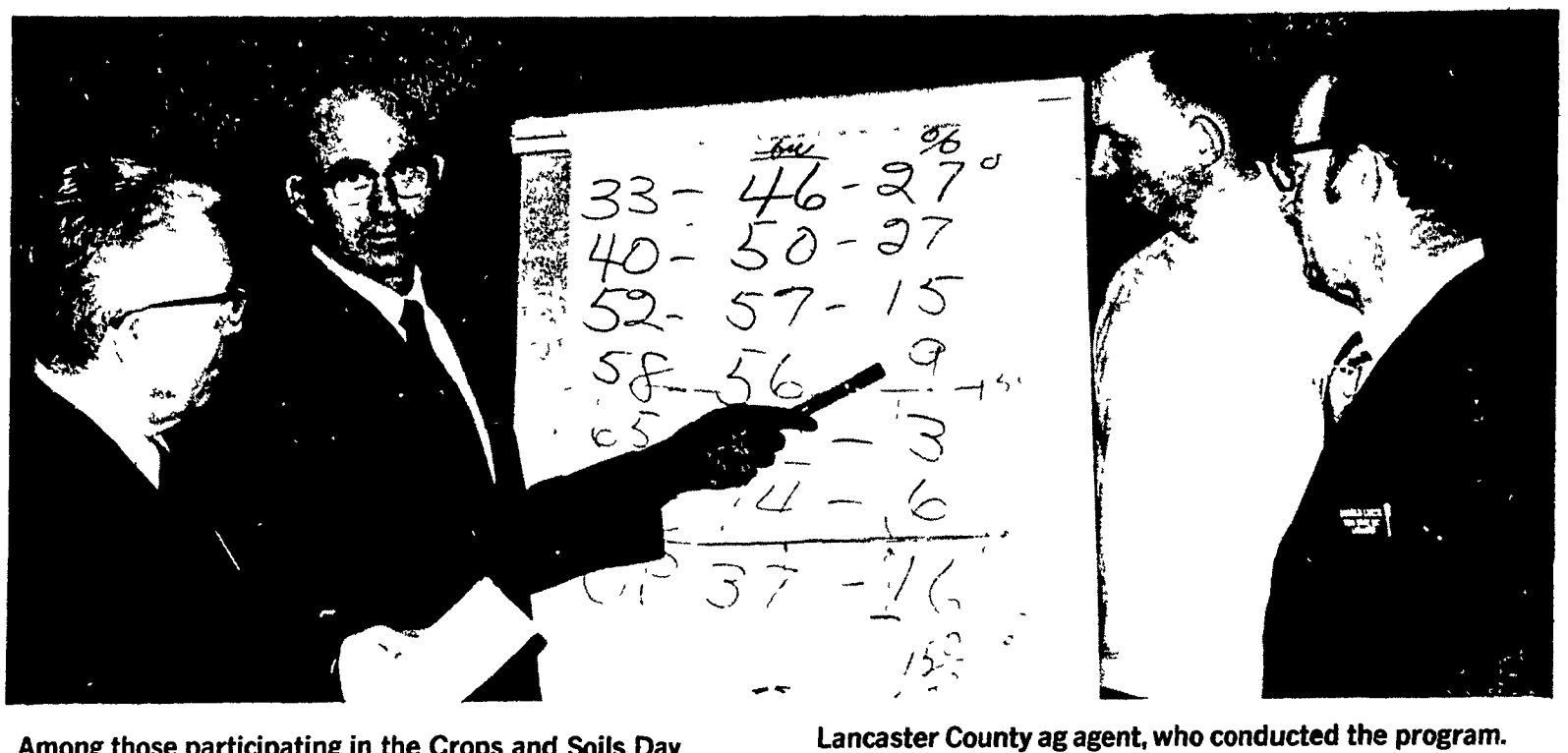


Among those participating in the Crops and Soils Day program last week were: left to right, Dr. Clarence Bryner, Extension agronomist; Joe McGahen, Extension agronomist; Dr. Nathan Hartwig, Extension research agronomist, all speakers, and Arnold G. Lueck, associate Lancaster County ag agent, who conducted the program. McGahen points out an important figure on a chart he used during his talk on corn. The chart shows figures from a study indicating that while the yield potential of corn has risen sharply, the ability of the corn's stalk to resist stress and rot has also greatly improved.

Deficit Spending Halt Urged by Farm Leader

Roger Fleming, secretary-treasurer of the American Farm Bureau Federation, said in a recent legislative conference in Oklahoma City that inflation is one of the most serious threats to our economic system which he described as "U.S. style capitalism."

"Not until the Congress, itself, decides to get control of government spending will we be able to stop deficit spending, the principal cause of inflation," he observed. "Emergency efforts, such as the establishment of price and wage controls, are merely 'stop gap' measures," he said. "They do not treat the causes of inflation."

'HONEST, DOC—I CAN'T CONTROL IT!'

Dean Is Elected 4-H Beef Club President

Gary Dean, Strasburg RD1, was elected president of the Red Rose 4-H Baby Beef and Lamb Club Wednesday evening at the Farm and Home Center.

Nancy Zimmerman was voted secretary and Gary Buchen, treasurer.

Club members also elected Debra Kreider and Ronand Kreider, song leaders; Debra Buchen and Kenneth Brubaker, game leaders, and Nancy Herr and Gary Brubaker, news reporters.

Gary Dean
Beef Club President

In the Kitchen

MUSHROOMS IN SOUR CREAM

1 lb. fresh, cultivated mushrooms
2 tbsp. butter
1 tbsp. flour
½ cup beef bouillon
1 cup sour cream
Dill weed

Wash and trim mushrooms and add to butter in a chafing dish or electric skillet. Sprinkle with the flour and blend. Add beef bouillon and heat until steaming. Stir in sour cream and sprinkle with dill weed.

Six Attend Conference

Six Lancaster County 4-H members are among those attending the Southeastern Pennsylvania 4-H Teen Leadership Conference this weekend at the Holiday Inn in Lionville.

The six are: Dennis Fox, Peg Hamilton, Steve Ney, Olinda Williams, Phil Bixler and Jaylene Irwin.

The three day conference was designed to develop teen leaders and give them an opportunity to meet with other 4-H'ers and discuss plans.

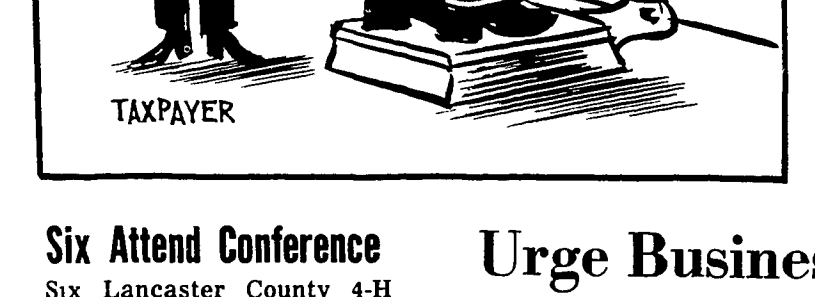
Urge Business Initiative To Overcome Its Critics

"The enemies of private industry are active today as never before. They are influential today as never before and—most disconcerting of all—they are succeeding today as never before," according to C. Howard Hardesty, Jr., senior vice president, Continental Oil Company, New York.

Speaking before the annual meeting of the American Mining Congress, Mr. Hardesty coined a new name for muckrakers of the 1970's: "They're antipreneurs. If you accept entrepreneurs as the generic term for businessmen, changing to the negative prefix is quite appropriate since those who hammer away at the business community are for the most part a negative lot.

Converting America

"How are they succeeding? By converting America from a nation that once respected initiative and economic achievement and honored the rags-to-riches hero, to a nation that imputes its businessmen with venal motives and dispicable conduct, a nation that is coming to idolize the reverse-twist, a riches-to-rags anti-hero," he explains.



Mr. and Mrs. Paul Minnich, Lititz, met Sen. George McGovern, right, as he entered the National Farmers Union convention in Houston this week. McGovern and Sen. Hubert Humphrey, both candidates for the Democratic nomination for the presidency, addressed the 70th anniversary convention.

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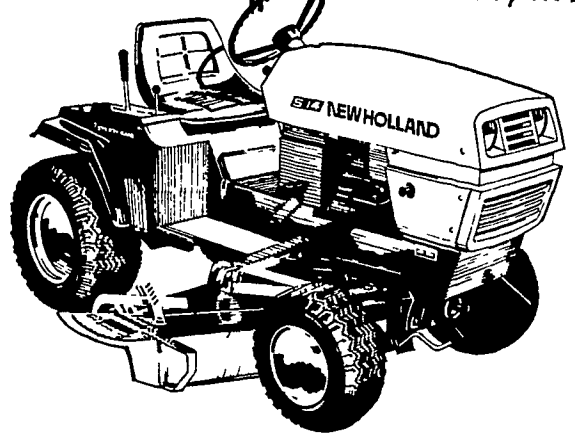
EARLY BIRD SPECIAL

MARCH 1 THRU APRIL 30, 1972



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Get in on the Early Bird Special! Buy a New Holland lawn and garden tractor between March 1 and April 30, 1972, and choose:

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Symphylans Cited As Growing Crop Pest

Editors Note: The following report on symphylans was recently submitted as a special report to Lancaster Farming by Gibbs & Soell, Inc., New York City public relations firm. The article was reviewed by Arnold G. Lueck, associate Lancaster County ag agent, who emphasized that while the garden symphylan is a common insect pest it is still not believed to be an economically major one in Lancaster County.

"To date," Lueck reported, "we've found three widely scattered infestations of symphylans in Lancaster County. Two were in corn fields and one in a field of processing tomatoes. Each area was treated with an insecticide and is now back in production."

The report is for educational purposes to alert farmers to the nature of the insect and to prepare him for battling it if it should crop up in his own fields.

Corn growers have had a lot to worry about in recent seasons — outbreaks of rootworm and leaf blight, the cost-price squeeze.

Now there's another warning being sounded about a "new" crop pest called symphylans which attack a variety of field and truck crops.

They look a lot like one of their more well-known relatives, the common centipede, and they've probably been around for just as long.

What is new, however, are the heavy infestations currently reported in Pennsylvania and bordering counties in New York and New Jersey.

In Pennsylvania where the problem is most serious, for example, infestations in some counties are severe enough to kill a crop, according to Penn State University entomologist Stan Gesell.

"Heaviest infestations are in the lighter soils of eastern and southeastern Pennsylvana," Gesell reports. "But they are everywhere now — even along the western boundary, and they're in just about every variety of cultivated field crop from corn to strawberries."

Symphylans are especially difficult to deal with, Gesell points out, because they're hard to see even when infestations are advanced.

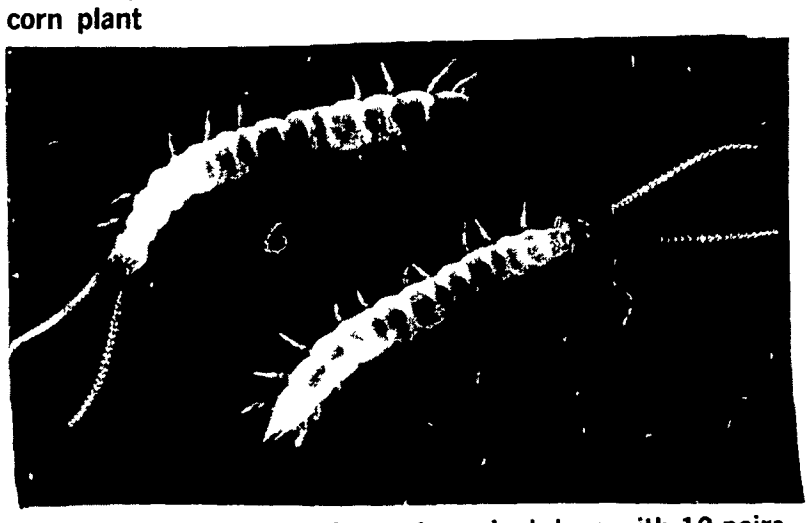
"Symphylans start slowly and may take years to build up to an economic infestation," he says. "You won't see them unless you know what to look for and symphylan crop damage is often confused with soil nutrient deficiencies or rootworm injury," Gesell says.

"The problem is currently severe enough for us to sound a grower alert and urge greater control efforts."

Progressive damage of corn roots by symphylans is shown. Healthy corn plant and root system is at far right.

The eggs usually hatch in May and June, generally right after corn seed starts germinating, Gesell reports. As soon as soil temperatures reach about 45 to 50 degrees, they start attacking seedling roots and continue all season.

According to Ohio State extension entomologist Dr. B. D. Blair, who has observed the pest for many years, affected plants initially will resemble plants damaged by nutrient defiencies. Growers may note dwarfing, stunted growth, or purpling or yellowing of leaves and stalks.



Symphylans range in size up to an inch long with 12 pairs of legs and two antenae.

"If attack is severe enough the plant will never mature thoroughly and will not produce an ear," he warns.

"Often an apparently healthy field of knee-high corn will wilt almost overnight following a period of dry weather," Dr. Blair reports. "Later in the season, affected plants may discolor, then die."

Symphylans usually do not attack an entire field uniformly, but concentrate on patches or "hot spots." These may vary in size from a few square yards to much larger areas. Such spots can expand from 10 to 30 feet every year until the entire field is overtaken.

In some areas symphylans tend to attack the highest yielding areas of a field, apparently because of a preference for richer, heavy textured soils, Blair indicates.

To detect economic infestations, Gesell recommends taking soil samples during or after the growing season "Dig up a root system and quickly lay it on paper. An average of five symphylans per shovelful indicates a control problem," he says.

The insect looks like a small centipede varying in size up to one-third of an inch long. Adults are narrow bodied, stark white in color with 12 pairs of legs and two long anteaae.

Even if no insects are visible, a simple examination of the plant's root system can also signal an infestation. If root tips show damage, have no root hairs, or if the roots tend to grow in tight clusters near the base of the plant or are discolored — symphylans can be the cause.

Growers with minor but still crop-damaging infestations often

(Continued on Page 34)

50th ANNIVERSAY SALE

—OF—

RUSSELL F. HEILMAN & SON

SATURDAY, MARCH 18, 1972

Location: Lebanon County, 1 mile north of Cleona, Route 422.

10 miles south of Interstate 81, Extension 30.

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Negative health charts day of sale.
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25 FRESH AND CLOSE SPRINGERS
25 COWS Bred for Fall Freshening to a Son of SEILING ROCKMAN

His excellent Dam in 3 lactations has 60,205 milk and 2370 fat, 3.96 per cent. January D. H. I. A. — 20 Cows and 15 First Calf Heifers, Average 60 lbs. milk daily, 3.7 per cent.

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MILKING DAUGHTERS	12 TOP BRED HEIFERS
7 Lassie Leaders, 5, 3 yrs.	Fall Freshening
3 Whirlhill Kingpins	by the following sires:
3 Forrest Lees	6 Seiling Rockmans
4 Golden Cross	1 Lassie Leader
1 Penstate Ivanhoe Star, 2 yrs.	1 Seiling Petro
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40 Purebred Calves - 1 to 8 months in age; mostly from Canadian Artificial Sires

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10 Daughters from CORNESET CENTURION MEDALIST
2 PUREBRED RED HOLSTEIN HEIFERS featuring a daughter from
AGRO ACRES MARQUIS NED, milking 75 lbs. daily

PLEASE NOTE: Cattle of this caliber with type, size, sound udders and good pedigree required a lot of hard work and many driving miles.

100 YORKSHIRE HOGS
35 Bred Gilts, Due last of March & April
4 Serviceable Boars
3 Boars and 12 Gilts, 5 months old
Balance in Shoats, 30 - 90 lbs.

SALE TIME: HOG SALE ... 11:00 A.M.
CATTLE SALE - 12:30 P.M.

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Darkie — 6 y. 339 da. 20,452 - 749 - 3.7 per cent; No. 30 (Posch) 3 y. 356 da. 18,166 - 571 - 3.1 per cent; No. 51 Black Gold 3 y. 326 da. 17,902 - 652 - 3.6 per cent; No. 15 Butterboy 4 y. 319 da. 17,936 - 823 - 4.6 per cent; No. 57 Apollo 2 y. 305 da. 17,125 - 581 - 3.4 per cent; No. 21 Leander 5 y. 301 da. 16,219 - 741 - 4.6 per cent, and others over 15,000 milk.

Dtrs. of following — Hilltop Apollo Ivanhoe (2), Posch Sov. Ivanhoe (2), Kilansdale Ivanhoe Jack (4), Domcroft Majesty (3), Eagle Point Design Bonus (3), Winterthur Ivanhoe Kid Samson (2), Black Gold (2), Adohr Victor London, Performer, Archie, Whittier Farm Apollo Rocket, E. Golden Topper.

R & W. heifer by Ames Somnus Aristocrat, bred to Larry Moore Jack (Red).

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Lunch by Meyers Brethren Church

March 10 Is '72 U. S. Feed and Wheat Program Deadline

Farmers planning to enroll in the 1972 Feed Grain and Wheat Programs must do so by March 10, said Fred G. Seldomridge, chairman of the Lancaster County Agricultural Stabilization and Conservation Committee (ASC).

Wheat producers are eligible to earn payments averaging $87 per set-aside acre in Lancaster County for not harvesting cropland in 1972 equal to 83 per cent of the farm wheat acreage allotment. Other program benefits include payments for additional wheat set-aside for producers who wish to dispose of some wheat acreage. Program participants are also eligible for wheat commodity loans and storage structure loans.

Chairman Seldomridge expects farm profits from wheat production will come primarily from program participation in 1972.

Corn, barley, and sorghum producers enrolling at minimum levels are eligible to earn payments for set-aside acreage (cropland not harvested in 1972) equal to 25 per cent of the farm feed grain base.

Average minimum payments for set-aside acres in Lancaster County are $67 for corn, $40 for barley and $39 for sorghum. Producers are also eligible for payments equal to 65 per cent of the above rates for setting aside additional acreage up to 10 per cent of the corn and sorghum base, plus 20 per cent of the farm barley base.

Feed grain producers may also offer a second additional set-aside equal to five or 10 per cent of the farm corn and sorghum base at the 65 per cent rate.

Wheat and feed grain program participants are permitted to grow as much corn, wheat, barley and sorghum as they wish providing the farm set-aside acreage is not harvested in 1972 and the farm conserving base is retained in a conserving use. Conserving base acreage may have hay or other conserving use crops harvested from it in 1972. There are no cropping limits on farms not enrolled for 1972.

Chairman Seldomridge stated that participation in these programs are necessary to produce commodities at levels which can be marketed at reasonable prices. 1972 January crop reports indicate U.S. farmers will produce about 71 million acres of corn in 1972. USDA estimates that 63 million acres will produce anticipated needs for U. S. and export use. Wheat production appears to be in excess of possible markets also.

Program participation offers grain growers the opportunity to support farm income and balance grain supplies to market demands, the Chairman added.

Farmers may enroll at the Lancaster County ASCS office located in Room 3, Farm and Home Center, 1383 Arcadia Road, Lancaster, between the hours of 8 a.m. and 4:30 p.m. through March 10.

Symphylans

(Continued from Page 33)

use a type of "spot" treatment on just those patches that showed symphylan damage last season.

For best control, Gesell and Blair recommend applying two pounds of Dyfonate soil insecticides, which is biodegradable and normally residue-free, just before planting.

"This does an excellent job on symphylans and should also reduce corn rootworm," according to Gesell. Many growers find that if a field has enough spots, it is more economical and time-saving to treat the entire field rather than each spot. This also is a sure way to check spreading.

The important thing, according to Gesell, is to identify the problem.

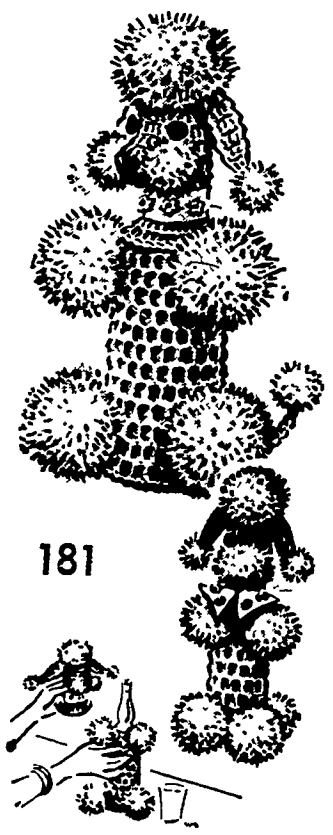
"Confusion of symphylan damage with fertility problems or rootworm has contributed a great deal to its spread in this area," Gesell points out. "With prompt treatment symphylans can be controlled quickly and effectively."

Everyone Can Help

The conquest of cancer is everyone's business. Protect yourself and your family with annual health checkups, and help others with a generous check to the American Cancer Society.

Needle Arts

By NANCY SEWELL



Poodle Covers

An adorable set of Poodle Covers in easy crochet. Fun for gift-giving. Pattern No. 181 has crochet directions for both sides.

TO ORDER, send 60 cents for each pattern with name, address with Zip code, pattern number and size to NEEDLE ARTS, P.O. Box 5251, Chicago, Ill. 60680

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Aldactizide Tab. 100's	11.69	Diupres — 250 mgm 100's	5.99	Librium 10 mgm 100's	7.19
Aldomet Tab. 100's	7.26	Diupres — 500 mgm 100's	9.59	Librium 25 mgm Caps. 100's	10.99
Aldoril — 15 mgm 100's	9.19	Diuril 250 mgm 100's	4.99	Mellaril Tab. 10 mgm 100's	6.66
Aldoril — 25 mgm 100's	10.49	Diuril 500 mgm 100's	6.88	Mellaril Tab. 25 mgm 100's	8.79
Amytal Sodium 3rd. 100's	3.39	Dramamine Tab. 50 mgm 100's	5.09	Meprospan Caps. 400 mgm 100's	12.99
Arlidin Tab. 100's	6.91	Dyazide Caps. 100's	7.29	Nitrobid Caps. 100's	7.57
Artane 2 mgm 100's	2.69	Dymelor Tab. 250 mgm 100's	4.29	Orinase Tab. 0.5 gm. 100's	7.99
Atromid-S Caps. 100's	7.59	Dymelor Tab. 500 mgm 100's	7.99	Pavabid Caps. 100's	11.49
Aventyl Caps. 10 mgm 100's	4.99	Dyrenium 100 mgm Caps. 100's	7.99	Peritrate Tab. 20 mgm 100's	5.09
Aventyl 25 mgm Caps	8.59	Edecrin Tab. 50 mgm 100's	7.66	Peritrate Tab. 80 mgm 100's	7.99
Azo Gantrisin 100's	5.13	Elavil Tab. 10 mgm 100's	5.28	Premarin 1.25 mgm 100's	7.93
Bellergal Spacetabs 100's	9.88	Elavil Tab. 25 mgm 100's	9.09	Pro-Banthine 15 mgm Tab. 100's	5.29
Benadryl Kaps. 50 mgm 100's	3.99	Equagesic Tab. 50's	5.99	Quadrinal Tab. 100's	5.49
Benemid Tab. 100's	6.69	Equanil Tab. 400 mgm 50's	4.59	Salutensin Tab. 100's	9.29
Butiserpizide — 50 Tab. 100's	9.99	Fiorinal Tab. 100's	4.48	Sinequan Caps. 25 mgm 100's	11.99
Cafergot Tab. 100's	10.36	Gantrisan Tab. 0.5 Gm. 100's	3.99	Stelazine Tab. 2 mgm 100's	10.99
Cerespan Caps. 100's	11.97	Hydro-diuril 25 mgm 100's	4.19	Talwin Tab. 50 mgm 100's	8.59
Cogentin Tab. 2 mgm 100's	4.49	Hydro-diuril 50 mgm 100's	6.49	Teldrin Span. 12 mgm 50's	4.47
Col Benemid Tab. 100's	7.59	Hdro-Pres Tab. 50 mgm 100's	8.89	Thorazine 25 mgm 100's	6.79
Combid Spansules 100's	15.99	Inderal Tab. 10 mgm 100's	4.29	Thorazine Tab., 100 mgm 100's	9.59
Cyclospasmol 100 mgm 100's	5.29	Inderal Tab. 40 mgm 100's	6.47	Tolinase Tab. 250 mgm 50's	7.98
Cyclospasmol 200 mgm 100's	9.19	Indocin 25 mgm 100's	8.59	Triavil 2-25 Tab. 50's	7.09
Cytomel Tab. 25 mcg. 100's	3.28	Indocin 50 mgm 100's	14.99	Triavil 4-25 Tab. 50's	7.19
Darvon Comp. 65 mgm caps. 100's	8.79	Isordil Tab. 10 mgm 100's	5.09	Valium Tab. 2 mgm 100's	7.59
D.B.I. TD 50 mgm caps. 100's	11.73	Isordil Tembids 40 mgm 100's	11.11	Valium Tab. 5 mgm 100's	8.99
Decagesic Tab. 100's	6.59	Lasix Tab. 100's	9.49	Valium Tab. 10 mgm 100's	11.43
Deprol Tab. 100's	10.49			Zyloprim Tab. 100's	7.39

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★ Public Sales Register ★

SAT. MARCH 4- 12 Noon Pulbic Auction of Farm Machinery, Trucks and Real Estate located 7 miles north ot Chestertown, 1 mile from Lynch on Clark Road, Signs posted from Lynch and Worton, Md. Sale by Dorland Farm, Albert B. Nesbitt, owner, (Lynch) Worton, Maryland. Harry Rudinck & Sons, Inc., Sales Managers and Auctioneers of Galena, Md.

SAT MARCH 4- 10 A.M. Public Sale of Farm Machinery and Irrigation Equipment at Newton Longstreet Residence, Wain Road, Chesterfield, N. J. Turn off Chesterfield-Crosswicks Road, Anyone using N. J. Turnpike, get off Exit 7 at Bordentown and go East to Chesterfield. Selling for Newton Longstreet. E. Allen Nixon, Auctioneer.

SAR. MARCH 4- 10 A.M. Yonkin Dispersal of 62 Head of Holstein Cattle and Farm Equipment located 3½ miles east of Milton, Penna. just off Route 642, 8 miles west of Danville, Pa. 6 miles east of Lewisburg, and 4 miles from Montandon, Montour County. Sale by Mr. & Mrs. Roy Yonkin, Ronald D. West, Sale Manager, Robert M. Shaylor, Auctioneer.

SAT. MARCH 4- 1 P.M. Berks County Pork Producers Association Spring Sale at Kutztown Fair Grounds, Kutztown, Pa.

SAT. MARCH 4- 12 Noon Public Sale of Farm Equipment located 3 miles North of Lebanon on Route 72. Sale by Aaron Martin, Jr., Rt. 3 Lebanon. Frank and Paul Snyder, Auctioneers.

SAT. MARCH 4- 12 Noon Public Sale of Farm Equipment located 3 miles North of Lebanon on Route 72. Sale by Aaron Martin, Jr., Rt. 3 Lebanon. Paul Snyder, Auctioneer.

SAT. MARCH 4- Farm Equipment Sale for Paul V. Hess, near Mountville, Pa. Diller and Kreider Auctioneers.

SAT. MARCH 4- Carpenter Dairy Dispersal in Northern Pennsylvania. Details later. Call auctioneers for further information. Diller and Kreider, Auctioneers.

SAT. MARCH 4- Public Sale of Farm Implement and Livestock between Farmersville and Ephrata. Terms by Isaac Z. High. Frank L. Steller and Robert E. Martin, Auctioneers.

TUES. MARCH 7- Public Sale of Livestock and Farm Implements just South of Heller's Church on Rt. 772 between Leola and Witmer. Terms by David B. King. Frank L. Steller and Robert E. Martin, Auctioneers.

WED. MARCH 8- Public sale of farm machinery, equipment, hdwr., implements and supplies at our new location along Route 340, 2 miles East of Intercourse, and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

WED. MARCH 8- 10 A.M. Complete Dispersal of 62 Head of Holsteins, and Farm Machinery located 7 miles South of Quarryville off Route 472 at Union, 6 mile North of Oxford. Terms by John P. and Anna W. Thompson. Everett Kreider and Carl Diller, Auctioneers.

THURS. MARCH 9- 11 A.M. Public Sale of Farm Equipment, Heifers and steers located off Broadway, Hanover, Pa., off Route 194 at Moulstown Road, turn East 2½ miles to sale. Sale by Donald G. Stelfox, Hanover RD3, Pa. Clair R. Slaybaugh, Auctioneer.

FRI MARCH 10- 8 P.M. Public Auction of 90 head registered & Grade Holstein Dairy Cattle. Sale to be held in the dairy barn arena at the Aberdeen Sales Co. in Churchville. Harford Co., Md. located on Md. Rt. 22 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via I-95 or Rt. 40) Sale by Aberdeen Sales Company, Sale Managers and Auctioneers.

FRI. MARCH 10- 12 Noon- Public Sale of Farming Implements located 3 mile South of Quarryville just off Route 222, on Blackburn Road, first road South of Solanco High School, East Drumore Twp., Lancaster Co., Pa. Sale by V. R. Carter and Alice H. Carter; Kersey A. Bradley, Auctioneer.

FRI. MARCH 10- 10 A.M. Layseretta Farm Complete Dispersal, Registered Holsteins and Farm Equipment located 5 miles north of Lebanon, Pa., 1½ miles South-East of Rt. No. 22 Fredericksburg, off Rt. No. 343, 5 miles from Interstate 81. Cattle will be sold at 1 P.M. Sale by Ned L. and Josephine M. Layser, Jonestown, R.D. 2, Pa. Diller, Kreider and Buffenmyer, Auctioneers.

SAT. MARCH 11- 9:30 A.M. Public Sale of Farm Equipment and 20 Holstein Heifers located 4

(Continued On Page 36)

PUBLIC AUCTION

90 HEAD REGISTERED & GRADE HOLSTEIN DAIRY CATTLE 90

Sale to be held in the dairy barn arena at the Aberdeen Sales Co. in Churchville, Harford Co., Md. located on Md. Rt. 22 6 mi. east of Bel Air, Md. (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md. (via I-95 or Rt. 40) on

FRIDAY, MARCH 10, 1972

at 8:00 P.M.

This sale features one entire herd of Holstein cows of which 8 are just fresh and 20 are close springers. The balance are in full flow of milk now. We will sell one load of fresh and springing large first calf heifers from Manassas, Va. These heifers have a lot of size and are by the best bulls of the Md. - Va. stud. Also for sale will be 40 head of local heifers and young cows that are either just fresh or close springers.

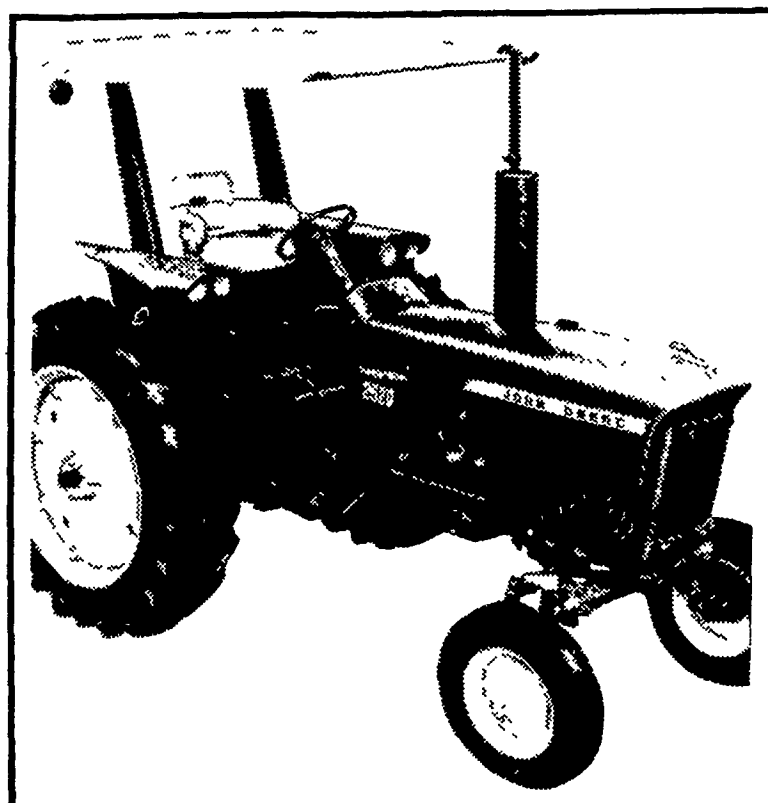
Freshening dates, breeding dates and milk weights will be available at sale time. All animals are T.B. Accredited, Certified Bangs free and tested within 30 days of sale for interestate shipment.

If you are looking for additional cows or heifers to make base or to improve your herd, plan to attend this sale. This is one of the best offerings we will have this year.

TERMS: CASH

ABERDEEN SALES COMPANY

Sale Managers & Auctioneers
Phone:....301-734-6050
Night:....734-7105
734-7978



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When you talk John Deere power steering, power brakes, posture seat, 3-point hitch, independent PTO — yes, even Power Shift — count the 60-h.p. 2520 in. In practically all respects except price and work capacity, this tractor is a carbon copy of the larger 3020 and 4020 Tractors. With a 2520, you need not sacrifice the John Deere features you like nor pay for horsepower you don't need Stop in and let us tell you of the many talents of this deluxe-equipped 2520 Tractor.

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A. B. C. Groff, Inc. New Holland 354-4191
M. S. Yearsley & Sons West Chester 696-2990
Shotzberger's Elm 665-2141

SAMUEL S. GINDER'S

PUBLIC SALE

ALL MODERN FARM EQUIPMENT

TUESDAY, MARCH 14, 1972

at 10:30 A.M.

Located 4 miles East of Elizabethtown. Take Elizabethtown Road to Drumhellers Garage. Turn North on Trail Road to Harvest Road. Look for sale arrows.

M.F. 410 COMBINE used less than 100 acres; 880 Oliver; 65 M.F.; 30 Ferguson plus full line of late model equipment kept in A-1 condition.

Sale by **SAMUEL S. GINDER**

C. H. Wolgemuth & H. Shaffner, Aucts. Ph. 665-5664

Watch paper next week for full listing.

PAUL Z. MARTIN
MARCH CONSIGNMENT

FARM EQUIPMENT SALE

WEDNESDAY, MARCH 8 and 22, 1972

At 9:00 A.M.

To be held at my New Place of Business, 2 miles East of Intercourse, at intersection of Route 340 and New Holland Road, 4 miles South of New Holland.

TRACTORS
Large Equipment of All Kinds
Horse-drawn Equip., Dairy Equip.,
Tools, Posts, Lumber, Hay and Straw

NOTICE—Farmers and Dealers invited to bring your goods in to this sale. Please bring your goods in before sale days. Equipment brought in day of sale will be sold last.

NOTICE—We will have lots of Antique Equipment, Wagons and Small Collectors Items. Bring in your equipment, larger and better goods have been selling good and are worth more!

Cousin with Dry Goods.

We have Buyers for Hay and Straw - Our Commission $1 per ton.

SALE ORDER: Small Goods, 9 a.m.; Hay and Straw, 12 noon; Tractors, 1 p.m.; followed by Larger Equipment. Notice NO POULTRY EQUIPMENT. Open 8 a.m. to 5 p.m.

PAUL Z. MARTIN
Blue Ball, Pa. Phone: 717-354-6671
Business - 768-8108

MARTIN AUCTIONEERS and Associates

NEXT SALES -APRIL 5 and 26

HORSE SALE-WEDNESDAY EVENING, MARCH 1st at 6:00 p.m.

NOTICE-SPECIAL ANTIQUE SALE-ALL-DAY MAY 27

SPECIAL HORSE SALE-APRIL 19

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Call us at 394-3047 or 626-2191. Or write to Lancaster Farming, P. O. Box 266, Lititz, Pa. 17543.

★ Public Sales Register ★

(Continued From Page 35)

miles west of Ephrata on Rte. 322, in Clay turn South on Clay road, 1 mile on Clay road. Watch for Sale Signs. Terms by Paul M. Weaver; John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 11- 10 A.M. Samuel Schlough and Sons Annual Spring Sale on the premises along Schlough Road leading from Alleghenyville to Maple Grove, Berks Co., Pa. Terms by Samuel Schlough and Sons, Leid, Gundy and Fry, Auctioneers.

SAT. MARCH 11- 11 A.M. Auction Sale of Complete Line of Farm Machinery located 5 miles South of Oxford, Pa. Turn off Rte. 472 at Hickory Hill or 1½ mile South of Lincoln University, Pa. Turn off Rte. 896 on Camp Saginaw Road at New London, Pa. Watch for Signs. Sale by E. Harvey Chase, Jr, Harold S. Hill and Son Auctioneers.

SAT. MARCH 11- 9:30 A.M. Annual All Day Sale sponsored by the Gordonville Fire Company to be held at the Fire House. Donations and commission basis. Ira Stoltzfus, Auctioneer.

SAT. MARCH 11- G. K. Wagner Estate located on Old Hershey Road, Elizabethtown, Real Estate, Antiques and Household Goods. C. H. Wolgemuth, Auctioneer.

SAT. MARCH 11- 11:30 A.M. Public Sale of Late Model Farm Machinery and Cattle Truck located off Rt. 24, approx. 3 mile north of Stewartstown, Pa. near the village of Rinely, along Faraway Lane, in York Co., Pa. Sale by Frank S. Sweeney, Owner, Stewartstown, Pa. RD2, Robert L. Sechrist, auctioneer.

SAT. MARCH 11- 12 Noon Public Sale of Farm Machinery, Antiques and Household Goods located 1 mile west of Georgetown on Furnace Road. Terms by Alfred H. Erb.; Lloyd Kreider, Auctioneer.

TUES. MARCH 14- Pulbic Sale of Farm Equipment, at Elizabethtown RD3. Sale by S. S. Ginder; C. H. Wolgemuth, Auctioneer.

WED. MARCH 15- 11:30 A.M. Real Estate 1:30 P.M. Public sale of 151 Acre Farm, and Full Line of Farm Equipment at Myers Lane Farm, ¾ mile out of Christiana, Pa. on West Broad St., 1 mile North of Rt. 372 along William Run Road, 2½ miles South of Route 30 (Gap). Owners Frank W. and Margaret F. Myers, Linwood, Pa. Carl Diller and J. Everett Kreider, Auctioneers.

WED. MARCH 15- 1 P.M. 150 acre Dairy Farm, located ¾ mile west of Christiana known as Frank Myers Farm. Diller and Kreider, Auctioneers.

THURS. MAR. 16- 11:30 A.M. Public Sale of Full Line of Farm Equipment located 2 miles west of Millersville along Owl Bridge Road, Manor Twp. Watch for arrows. Sale by Chester and Elsie Keeports, Carl Ciller and J. Everett Kreider, Auctioneers.

FRI. MARCH 17- Kemper Sexton Farm Equipment Sale east of Oxford, Pa. Kreider and Diller, Auctioneers.

SAT. MARCH 18- 10:30 A.M. Public Sale of Valuable Farm Machinery and Personal Property at RD12, Hellam Branch at Delroy turn at Helders Paint Store off East Prospect-York Road. Terms by William C. and Viloa M. Buser; Jacob A. Gilbert, Auctioneer.

SAT. MARCH 18- All Day Sale of Farm Machinery and Holstein Dispersal, near Jersey Shore, Lycoming County, Pa. Sale by Anson Fisher. Diller, Kreider and Fraley, Auctioneers.

SAT. MARCH 18- 10:00 A.M. Complete Dispersal of 75 Registered Herefords, 150 Acre Farm and complete line of Farm Equipment located at Interlaken, New York. Sale by Vance Crane and Son; Ronald D. West, Sale Manager, Robert M. Shaylor, Auctioneer.

SAT. MARCH 18- Russell F. Heilman & Son, 1 mile North of Cleona, 50th Anniversay Public Sale of Reg. Holstein Cattle and Yorkshire Hogs. Roy I. Ebersole and Walter Dupes, Auctioneers.

WED. MAR. 22- Public Sale of farm machinery, equipment, hdwr., implements and supplies at our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

THURS. MARCH 23- Registered Holstein Dispersal located just off Rte. 30 near Leaman Place. Sale by Elmer N. Hershey. Diller and Kreider, Auctioneers.

FRI. MARCH 24- 11 A.M. Public Sale of Farm Machinery located 10 mi. South of Quarryville off 222 or 1 mile east of Wakefield off 272. Sale by Harry L. Ulrich; Lloyd H. Kreider, Auctioneer.

SAT. MARCH 25- Public Sale of Dairy Herd and Farm Equipment for Wm. Ravegum, R. D. 4, Manheim. Wolgemuth, Auctioneer.

SAT. MARCH 25- Public Sale of

(Continued on Page 37)

NOTICE

AUCTIONEERS!

We print sale bills.

Call 394-3047 for price.

PUBLIC SALE

OF FARM MACHINERY

ANTIQUES AND HOUSEHOLD GOODS

SATURDAY, MARCH 11,

at 12 Noon

Located 1 mile West of Georgetown on Furnace Rd.

300 case tractor with mower and corn planter, S.C. case tractor with cultivators, Farmall A with two way plows, and a full line of farming equipment, 12 ton ear corn, 1100 bales of hay, 275 bales of straw, milking equipment and some antiques as a dinner bell, 2 drop leaf tables, wash stands, wood box and plank bottom chairs, many more items too numerous to mention.

SALE BY

ALFRED H. ERB

AUCT. LLOYD H. KREIDER

Public Sale

OF DAIRY CATTLE and FARM MACHINERY

Along Rte. 241, 3 miles West of Elizabethtown on the Bainbridge Road, 1 mile East of Rte. 441.

SATURDAY, MAR. 11, 1972

11:30 A.M.

33 HEAD REGISTERED AND GRADE HOLSTEIN DAIRY CATTLE

17 milk cows, 6 Reg., 5 fresh in Jan., 2 due in March, 1 in April, 4 in June, 11 bred Heifers, 1 due in June, balance late Summer and Fall; 2 7 months old calves, 1 Reg. calf. TB and Bangs Certified, charts sale day.

FARM MACHINERY

JD 730 Gas tractor, good rubber and fully equipped; Farmall Super M w/starter, lights and cultivators; Case 4 bottom 16" mounted plow (trip), JD 32 KBA disc, IHC cultipacker, Fox 1-row Forage Harvester w/pickup (PTO), IHC 45 blower w/pipe (PTO), JD 14T baler w/No. 1 thrower, JD 640 side delivery rake, JD 32 ft. elevator, IHC 7 ft. side mounted mower, JD 32B sprayer.

APPROXIMATELY 20 Tons of Ear Corn

1200 bu. round wire corn crib, 2 JD No. 115 forage wagons, 1 w-high sides, both mounted on 1065 wagons; 2 McCurdy grain bins, 1 on wagon; JD 227 2-row corn picker, JD 290 corn planter, Ontairo 13 disc drill, 1 manure loader w-blade and fork, Coby dump wagon, Starline silo unloader for 12 ft. silo, used 1 year; Cardi-al elevator, Lincoln welder (new), 4 rolls snow fence, 2 rolls barbed wire, chains, forks, shovels and other items.

MILKING EQUIPMENT & DINNER BELL

300 gal. Girton Milk Tank, DeLaval #73 vacuum pump and motor (3 yrs.), SS double tub, 4 Surge milker units, 2 SS strainers, 2 SS carrying pails.

TERMS BY,
MRS. ROBERT CAHALL

Kreider & Diller, Auctioneers

Lunch

HERD DISPERSAL

At New Holland Sales Stables

WEDNESDAY, MARCH 8, 1972

40 HEAD

OF REGISTERED HOLSTEIN COWS

Complete herd of Tom Coyne, Batavia, New York. 22 cows, 10 classified "VG" and records to 23,000 Milk. 1970 herd average over 16,000 pounds.

1 "VG" 87. Marquis dtr. over 15,000 as a 3 year old.

1 "VG" 86. Ivanhoe Corvett dtr. milking over 80 lbs. now.

2 Irvington Pride Admiral dtrs. - 1"VG" 19,000 Milk, 1 "GP" 23,000 Milk. Both bred to Stand-Out.

1 "VG" 89. Clyde dtr. with 200,000 lifetime record bred to Bootmaker.

4 real nice Penstate Star Man dtrs., 2 classified "VG".

Also several 2 year olds bred to freshen this summer making good records now. This is a real breeding herd of cows. Many have been showed and some are top foundation animals.

Also selling 20 head of good springing and fresh cows, including 2 Kingpins and 2 Lassie Leaders.

CONSIGNED BY NORMAN KOLB AND JOHN STOLTZFUS

ALSO SELLING—

1 load outstanding Purebred and Grade Canadian Holstein Cows consigned by Bill Lang.

1 load of Canadian and Franklin County Cows by Marvin Eshleman and Melvin Kolb.

1 load of Wisconsin cows by Dale Hostetter.

ANNOUNCING

NEW POLICY AT LANCASTER STOCKYARDS

Stocker and Feeder Auction Sales

SECOND FRIDAY EACH MONTH

FIRST SALE MARCH 10, 1972 AT 1:00 P.M.

All Grades, Breeds, Weights. Load lots - Small lots.

UNION STOCK YARDS

LANCASTER, PA.
DOOR PRIZES

PUBLIC SALE

FARM EQUIPMENT, HEIFERS & STEERS

THURSDAY, MARCH 9, 1972

starting at 11:00 A.M.

Due to quitting farming, will have Public Sale on the premises, located off Broadway, Hanover, Pa., off Route 194 at Moulstown Road, turn East 2½ miles to SALE, the following:

4 TRACTORS

JD 4010 Diesel, fully equipt, in good condition; JD 620; JD 60; Ford 8N tractor; JD no. 115 chuck wagon; JD no. 16 flail chopper; JD 17-7 disc drill; JD 494 A 4-row corn planter; JD 4-row cultivators; 2-row cult, for JDB; 246 JD planter; 2 JD cylinders; Heat Houser for 4010; front end weights for 4010; JD no. 28 transport disc; JD no. 45 loader; Int. no. 541 Super Chief 4-bottom plow; New Holland no. 268 baler w-bale ejector; New Holland no. 611 harvester; New Holland Super 23 blower; New Holland no. 450 mower; 327 New Holland manure spreader; Kool Goose Neck silage distributor; 2 Grove wagons; Little Giant 32-ft. elevator; Kim P700 Crow trailer sprayer with century tank; Cunningham crimper; Brillion 50-ft. overhead bunk feeder; Brillion cultipacker; New Idea side rake; 4-sect. harrow; MM corn picker; Clay 800-gal. honey wagon; 1959 Ford pick-up truck; 40 free stables.

HEIFERS & STEERS

20 head of Holstein open heifers; one red and white heifer steers; all w-health charts

Not responsible for accidents.

Articles not mentioned — LUNCH AT SALE

DONALD G. STELFOX
R. D. No. 3
Hanover, Pa.

CLAIR R. SLAYBAUGH, AUCTIONEER
IDAVILLE, PA., Phone 677-7479
JACOBS, Clerk

PUBLIC SALE

FARMING IMPLEMENTS

FRIDAY, MARCH 10, 1972

12 o'clock Noon

Located 3 mile South of Quarryville just off Route No. 222, on Blackburn Road, first road South of Solanco High School, East Drumore, Twp., Lanc. Co., Pa.

Farming Implements consist of Massey Ferguson No. 65 tractor with multi-power & differencial lock, Massey Ferguson No. 65 tractor with loader, Massey Ferguson No. 50 tractor, Massey Harris No. 44 tractor with 3 pt. hitch & live clutch, Farmall A tractor with cultivators & tobacco hoers, Leroy tractor & air compressor combined, Allis Chalmers forage wagon, International No. 5 flail chopper, J.D. 2-row corn planter (fits on toal bar), Massey Ferguson 2 row corn planter 3 pt. hitch, New Holland 7' mower 3 pt. hook up, Ford 3 pt. rear mounted harrow, Dunham 32" disc harrow on rubber, 2 spring tooth harrows, 32" disc harrow, 3 pt. hook up rotary mower, Dunham 10' cultipacker, 2 flat wagons, silage wagon with false front, manure spreader open in back, 3 barrel sprayer, New Idea hay rake 3 pt. hook up, New Idea 5 wheel hay rake, cyclone battery operated grass seeder, Powell automatic plant setter, Dearborn grain drill, Oliver radex 16" 3 bottom plow (cover boards), New Idea cutditioner 7', Oliver radex 14" 3 bottom plow (cover boards), Hydrofin 4 bottom spring trip mounted plow, J.D. 3 bottom 14" spring trip 3 pt. plow, Massey Harris 2 bottom 3 pt. plow, 3 pt. hook up scraper, wheel barrow on rubber, hog feeders, hog troughs, wooden window sashes, 10 ft. iron trough, platform scales, baler twine, Stewart No. 51 cow clippers, log chains, feed cart on rubber, 3 hp air compressor, tools and other small items used on a farm.

1949 GMC truck 1½ Ton.
30 Ton Hay-6 Ton Timothy - 14 Ton Mixed Hay.
20 Ton Wheat Straw.
32 Ton Corn.

SALE BY
V. R. CARTER AND ALICE H. CARTER

Lunch available

Kersey A. Bradley Auct.
Kirk & Eschbach Clerks

Public Sale Register

(Continued from Page 36)

Farm Implements and Household Goods just east of Guernsey Bar, Lincoln Highway East, 5 miles East of Lancaster. Terms by David Witmer. Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. MARCH 25- Andrew Berkins Estate Sale located south of The Buck just off Rt. 272. Diller and Kreider, Auctioneers.

SAT. MARCH 25- 12 Noon Public Sale of Farm Equipment and Household Goods located along Rte. from Denver to Blue Lake, Hickory Run Park. Sale by Harvey Musser. H. H. Leid, Auctioneer.

SAT. APRIL 1- Cattle and farm equipment for Stanley Kleinfelter located north of Kings Store in Cleona, Lebanon County. Harry H. Bachman, Auctioneer.

SAT. APRIL 1- C. H. Wolgemuth & Sons Annual All Day Farm Equipment Sale located 4 miles West of Manheim, Lancaster County, Pa. Farm Equipment, Tractors, anything sold on commission.

TUES. APRIL 4- 11 A.M. Sharp Public Sale of Farm Equipment located 7 miles South of Lancaster, Pa. Turn off No. 222 North at Graybill Bros. Garage, Refton, travel ¾ mile. Look for Auction Signs at Covered Bridge, Pequea View Farm. Sale by Paul and Sallyann Breneman; Carl Diller and J. Everett Kreider, Auctioneers.

FRI & SAT APRIL 7 & 8- 2 Day Antique Sale for Miriam and Florence Breckbill in the Village of Willow Street, Pa. Diller and Kreider, Auctioneers.

FRI. & SAT. APRIL 7 and 8- 11 A.M. 2 Day Public Sale of Valuable Real Estate, Antiques and Household Items at 219 Willow Street, Pa. along Rte. 272, West Lampeter Twp. Sale by E. Miriam Breckbill, Parke Breckbill and Henry B. Lehman, Trustees u-w Elizabeth Breckbill, dec'd. Carl Diller and J. Everett Kreider, Auctioneers.

SAT. APRIL 8- 10 A.M. 4th annual public sale of Rawlinsville Fire Co. Farm Implements, Household Goods and Antiques. Items sold on commission. Food served. Robert Althouse, Chairman, Holtwood, R.D. 2, Phone 284-4530.

SAT. APRIL 15- Public Sale of 3-Way Cross Feeder Pigs located along Rte. 22, first farm to rear of Midway Diner, 3 miles East of Bethel, Berks County, Pa. Sale by Adam Martin. H. H. Leid, Auctioneer.

SAT. MAY 6- Public Sale of Real Estate and Contents for Chester Palmer Estate, Manheim RD3. Wolgemuth, Auctioneer.

Complete Dispersal

7 mile South of Quarryville off Route 472 at Union, 6 mile north of Oxford.

Wednesday, March 8, 1972

10:00 A.M.

62 Head of High Grade Holstein Dairy Cattle.

45 Milk cows incl. **1 reg. King Pin dau.** fresh (very nice).

17 Holstein heifers 1 due March bal. 8-12 mo. old.

17 fresh 2½ mo. prior to sale date Bal. throughout year.

2 Red & White Holsteins. 1 by Milk & Honey.

TB & Bangs Cert. Vacc. Charts Sale day
30 yrs. of A.B.C. breeding.

This dairy very worthy of your attendance because of quality and production.

Sale under heated tent.

Allis Chalmers 170 fully eq. 3 yrs. old. A.C. 3 bottom 16 in. plow (trip), John Deere 3010 diesel w/water heater fully equipped, J.D. F125 3 bottom 16 in. plow (trip), Massey Ferguson 35 w/loader hyd. fork & dirt scoop, A.C. 28 disc transport and 10 ft. Brillion cult (both 1 year), Case 9 ft. spring harrow, Oliver 28 disc

New Idea 702 Uni. V6 diesel w/3 row 30 in. corn head pick or shell and Combine head. (2 yr. very good).

4 bin wagons, M.F. #12 baler w/thrower, N.H. 3 pt. mower 7 ft. w/crimper hitch, 2 rakes J.D. & Farmhand 5 wheel rake, N.H. 36 ft. elevator w/swivel end for corn & bale chute (good), 3 bale thrower wagons 2 AC Chassis and Grove beds 1 David Bradley, 2 flat bed wagons, 2 drills Ontario 16 disc & IHC 13 disc, J.D. 10 ft. fert. drill w/seed attachment.

20 Foot Corn Silage from a 20 ft. silo w/pro-cil. May use unloader.

App. 36 ton Ear Corn, 15 ton hay, 8 ton straw.

Little giant drag elevator, 6 ft. A.C. rotary mower (trailer), M.F. 6 ft. 3 pt. drag, Ferguson 3 pt. cultivator, Century Sprayer 8 row high pressure pump, 3 pt. subsoiler, Papec 16 in. silo filler, 180 amp. Forney welder, 12 KW Wind Par generator (2 yrs. old), 21 ft. metal hay rack, mineral feeder, 275 gal. fuel tank on skids, 100 gal. fuel tank to carry on pickup, 40 ft. ex. ladder, 2 bu. alfalfa seed, seed rye, 100—12 in. block.

Milk tank washer, dumping station, 4 Universal milkers used with straps, 2 new outside waterers, 75 ft. endless belt, stantion jacks, Stewart clippers, fogger forks, chains shovels and many other articles not mentioned.

Few Household goods to be sold at 10:00 o'clock.

Terms by,
John P. and Anna W. Thompson

Everett Kreider & Carl Diller Aucts.

Farm has been sold makes this sale necessary.

Lunch furnished.

Consumers Want to Know

by MARGARET SPADER
Director of Consumer Affairs
National Association of Manufacturers

I'd like to replace an electric hotplate which I've used many years but have discovered they aren't made any more. Why do manufacturers discontinue useful items such as this?

Hot plates are still manufactured and are increasingly popular. Today they are called different names such as buffet range, portable electric range or table range. These are one-burner and two-burner models; the single burners use 1000 to 1100 watts and some even offer variable temperature settings. On double-burner models there is usually one burner using 500 watts, the other 1000 to 1100 watts. Look for these ranges in housewares departments, some electric utilities, hardware stores, mail order catalogs, and trading stamp redeeming centers.

Does a 4-slice toaster require special wiring to operate efficiently?

The wattage of a 4-slice toaster varies from 1500 to 1650 watts, which is considerably more than a 2-slice model requires. In many homes the normal circuit will not accept more than 1660 watts. In such cases a 4-slice toaster should not be used on the same circuit with a refrigerator.

The use and care book accompanying my refrigerator advises unplugging the cord from the electrical outlet when cleaning or changing a light bulb. Turning the control to "off" is easier—why isn't it recommended?

Turning the control to "off" is easier but does not disconnect power to the appliance. For complete safety in cleaning any appliance powered by electricity it is best to unplug the cord from the outlet.

TRY A CLASSIFIED

GANDY

APPLICATORS
FOR ALL PLANTERS.
See Us For Your Needs.

SHENK'S FARM SERVICE
Lititz RD4
626-4355

Holsteins Cited for Top Food Output

Outstanding milk and butterfat production levels established by Registered Holstein cows in this area have been reported by the Holstein-Friesian Association of America. All cows are from herds enrolled in the Dairy Herd Improvement Registry (DHIR) official testing program.

Locals cows recognized for their exceptional food producing ability and their owners include:

Hiram S. Aungst, Elizabethtown — Strickst Majesty Ivanhoe Donna 7154905, four-years-old, 16,560 pounds of milk, 706 pounds of butterat in 305 days; Strickst Performer Frances 7154922, two-years-old, 17,850 pounds milk, 617 pounds of butterfat in 353 days.

Donald S. Eby, Gordonville RD1 — Breezy Glen Dean Mamie May 5686614, eight-years-old, 20,320 pounds of milk, 823 pounds of butterfat in 305 days.

J Mowery Frey and Son, Lancaster — Fultonway Ivanhoe Lolita 5670731, seven-years-old, 24,690 pounds of milk, 905 pounds of butterfat in 305 days; Fultonway Johann Linda Rae 6752818, four-years-old, 17,920 pounds of milk, 835 pounds of butterfat in 305 days; Fultonway Ivanhoe Cindy 5724400, seven-years-old, 22,320 pounds of milk, 780 pounds of butterfat in 305 days; Fultonway Castlemont Dottie 6723531, three-years-old, 17,090 pounds of milk, 780 pounds of butterfat in 305 days; Fultonway Posch P Matilda 6725772, four-years-old, 20,230 pounds of milk and 757 pounds of butterfat in 305 days.

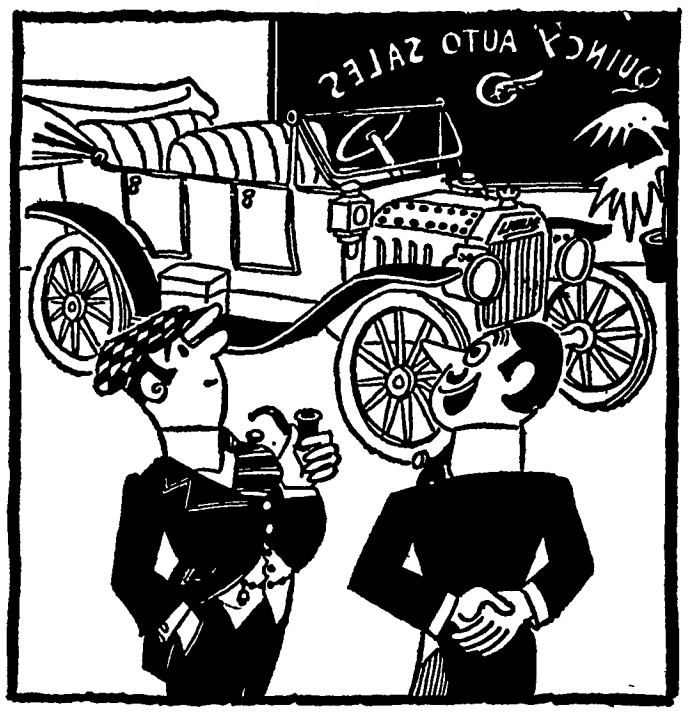
Henry E. Kettering, Lititz RD3 — Henket Apollo Ellen 6364990, five-years-old, 18,550 pounds of milk, 774 pounds of butterfat in 305 days, Dan-Paul Hattie Rag Apple 6636143, four-years-old, 17,690 pounds of milk, 655 pounds of butterfat in 309 days.

Clarence M. Murry, Drumore — Wissler-Run Star Man Penny 6876116, three-years-old, 17,070 pounds of milk, 737 pounds of butterfat in 337 days.

Herbert and Rhelda Royer, Lancaster — Poestenkill Model Sheila 6012468, eight-years-old, 19,110 pounds of milk and 791 pounds of butterfat in 341 days; Bloossomedlle Silly Swinger 7154066, two-years-old, 18,100 pounds of milk, 617 pounds of butterfat in 305 days.

Nathan E. Stoltzfus, Gap — London Knoll Apollo Vicky 6538847, five-years-old, 20,230 pounds of milk, 811 pounds of butterfat in 328 days; Donegal Apollo Eva 6713724, three-years-old, 21,050 pounds of milk, 742 pounds of butterfat in 305 days; Con-Noll Apollo Pam 672556, three-years-old, 16,500 pounds of milk, 700 pounds of butterfat in 316 days; Donegal Ivanhoe Star Cindy 6945282, two-years-old, 17,190 pounds of milk, 673 pounds of butterfat in 313 days.

Like It Was



"Believe me, a car without running boards would be like an airplane without a propeller!"

•MORE MILK • MORE MEAT • MORE PROFIT

WITH

MADISON SILOS

- Feed high-quality, nutritious, corn and grass silage all year for more milk, more meat and more profit
- Low original cost
- Low upkeep cost
- More than 60,000 Madison Silos in use

Madison Silos
Div. Martin Marietta Corp.
1070 Steinmetz Rd.
Ephrata, Penna. 17522
Ph. 733-1206

LOCAL DEALERS

Frank Snyder
Akron 859-2688

Caleb Wenger
Quarryville 548-2116

Landis Bros. Inc.
Lancaster 393-3906

Carl L. Shirk
Lebanon 867-3741

Sollenberger Farm Supply
Centerport, Pa.
Ph. 215-926-7671

PUBLIC SALE

OF VALUABLE FARM MACHINERY & PERSONAL PROPERTY

SATURDAY, MARCH 18, 1972

at 10:30 A.M. Sharp.

Located at RD12 Hellam Branch. At Delroy turn at Helders Paint Store off East Prospect-York Road. Look for sale arrows.

The undersigned will offer at public sale the following:

4 TRACTORS — 1970 AC 160, 3 pt. hitch, AC 415 loader, Hyd. Manure and snow bucket with weights, only 600 hrs.; 1956 JD 60, live PTO, 3 pt. hitch; 1961 MM 4 star and live PTO; 1958 MM 335, 3 pt. hitch, live PTO, Sauder loader; JD R.W. 28 transport disc, 10' cultipacker, 3 spring harrows, IHC 47 baler and 10 thrower, MM S.K. P.T. cornpicker, JD F.B. 7x15 grain drill, JD 246 2-row corn planter, 3 pt. hitch, M.F. 160 bu. spreader with end gate, Gehl F.H. 80 harvester, corn and grass head, N.H. 30 ft. elevator, Cardinal 16 ft. elevator, 2 N.H. No. 33 crop choppers, J.D. hay crimper, M. M. 3 pt. 7 ft. mower, IHC No. 51 chuck wagon, McCurdy gravity wagon, 2 hay wagons with high sides, J.D. hay fluffer, lime drill, Yellow Devil 200 gal. trailer sprayer, mounted 50 gal. sprayer, J.D. trip standard trailer plow 3x14, MM trip standard 3 pt. plow, 3x14, Farmall wheel rake, N.H. 680 table blower with pipe, JD two row quick attach. cultivators, 3 pt. cultivators, tractor and truck chains, 6 ft. rotary mower, 3 pt. scraper blade, double tobacco ladder wagon, tobacco press, approx. 8,000 lath, 10" Papec hammermill, N.H. plate mill, dump rake, hay tedder, barn fogger, 20" barn fan, 2 exhaust fans, potato grader, cyclone tractor seeder, hand seeders, ½ ton chain hoist, Homelite 20" chain saw, Myers weed sprayer, Lincoln 225 amp. welder, ¾ HP jet shallow well pump, small air compressor, 40' endless belt, Simplicity riding mower, ¾ HP and 5 HP electric motors, hog troughs, 4 can milk cooler, 2-32 ft. extension ladders, cow clippers, 3 fence chargers, platform scales, milk cans, some of the usual small items. Also some household goods and antique items. Machinery loading facilities. Farmers, if you need machinery don't miss this fine sale. Not responsible for accidents on day of sale. Refreshments on the premises.

Terms-Cash, certified or cashiers checks.

WILLIAM C. & VIOLA M. BUSER

Jacob A. Gilbert, Auctioneer
Frey, Leber & Kline, Clerks

Public Sale

FULL LINE OF

FARM EQUIPMENT

Thursday, March 16, 1972

2 miles West of Millersville along OWL BRIDGE ROAD, MANOR TWP. — Watch for Arrows.

(2) Farmall "H", Farmall A Tractors, with Cultivators, loader, (2) Int. 2-Bottom Trailer Plows, Int. No. 14 Rake (2 yrs. old), Int. No. 47 Baler (good).

36-FOOT SMOKER ELEVATOR

McCormick 13 Disc Grain Drill, Int. Corn Planter, McCormick Harrow, 2 Manure Spreaders - N.I. and McCormick, 9-ft. Cultipacker, #7 New Idea 1-row Picker, Stauffer 2-row Tobacco Planter, J.D. 28 Disc Harrow.

J.D. #38 TRAILER MOWER

(7 ft.), (nearly new) J.D. No. 21 Hay-Conditioner, Century 2-Barrel Sprayer, Fertilizer Spreader, Spike Harrow, Sears Power Corn Sheller, Cement Mixer, Double Tobacco Ladders, 3 Ladder Wagons (1) on rubber, (2) 16-ft. rubber tire wagons, trailer, Corn Sheller, walking plow, 32-ft. Extension Ladder, 10,000 Lath, (2) Minnich Presses.

Large Barn Fan, 2 Feed Carts, Wheelbarrow, Garden Tractor, Chain Saw, Power Mower, Iron Kettle.

CORN, STRAW, HAY
30 MILK CANS

Can Rack, Star 10-can Front Door Cooler, Stewart Cow Clippers, 4 - Universal Milker Units.

Whirl-way Egg Washer, Grader, Baskets, Brooders coal, electric.

Maytag Wringer Washer (3 years old), Tubs 2 old Cupboards, Extension Table, Wood Box, Rope Bed, Bureaus, Wardrobes, Chairs, (2) Bedroom Suites, Living Room Suite, Tables, Electric Butter Church, Glider, Porch Furntirue, other articles too numerous to mention.

Sale at 11:30 a.m.

CHESTER AND ELSIE KEEPORTS

Aucts. - Carl Diller and J. Everett Kreider
Lunch

PUBLIC SALE

FARM IMPLEMENTS, DAIRY CATTLE TOOLS, EAR CORN

SATURDAY, MARCH 11, 1972

Will be sold at Public Sale on the premises located 4 Miles West of Ephrata on Route 322, in Clay; turn South on Clay Road, 1 mile. Watch for Sale Signs.

4 JOHN DEERE TRACTORS

JOHN DEERE 2510 Gas P.S.; JOHN DEERE 1020 P.S. with No. 47 Hydraulic Dump Loader and Bucket; JOHN DEERE 50 P.S.; JOHN DEERE M, with Cultivator, Plow, Chisel Harrow.

JOHN DEERE 4-Row Plateless Cornplanter with Insecticide Applicator, used 1 season; New Holland 469 Haybine, used 1 season; New Holland 36' Elevator with corn and hay chutes; New Idea 175-Bu. PTO Manure Spreader, like new; John Deere No. 38 Harvester, 1-row with screen; Gehl Forage Wagon with 3 Beaters; Kools Table Blower with 50' Pipe; New Holland 270 Hayliner Baler with No. 50 Thrower; 2 Wagens with Hay Racks; One 18' and One 16' Flat Wagons; John Deere No. 237 2-Row Mounted Corn Picker; New Idea No. 7 1-Row Picker.

McCurdy Grain Bin; New Idea No. 825 Stalk Shredder; John Deere F-125 3-Bottom 16" Plow; John Deere Flexible Transport 28-Disc Harrow; 10' Brillion Sprocket Packer; 9' Double Packer; International 28-Disc Harrow; Two 3-Section Harrows; Oliver 2-Bottom Trailer Plow; Spike Harrow; John Deere No. 5 Grass Mower; John Deere No. FB13-7A Grain Drill; John Deere Cultivator for 50 John Deere; John Deere Side Rake; 2-Row Potato Planter; 3-Point Concrete Weight; Mayrath 11' Grain Auger; 16' Aluminum Elevator; 500-Gallon Water Tank; 1955 DODGE PICK-UP TRUCK.

5-Mo.-Old Registered Holstein Bull
SIRED BY KING PIN

20 GRADE HOLSTEIN HEIFERS
By N.E.B.A. Sires. Bred and Open

1,100 Bu. Ear Corn, 175 Bu. Wheat

DeLaval Vacuum Dumping Station, Smith Air Compressor, Watkins Fogger, Hol-Dem Fence Controller, Fairbanks Platform Scales, Handyman Jack, Corn Sheller,

Sale time, 9:30 A.M. Terms by

PAUL M. WEAVER
626-5729

John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305
Zimmerman and Hoover, Clerks.

Lunch Available

Order of Sale — Tools, Small Items, Household Goods, Farm Equipment, Corn, Wheat, Cattle.

READ LANCASTER FARMING FOR FULL MARKET REPORTS

AUCTION SALE

COMPLETE LINE OF FARM MACHINERY

Located 5 miles South of Oxford, Pa. Turn off Rte. 472 at Hickory Hill or 1½ miles South of Lincoln University, Pa. Turn off Rte. 896 on Camp Saginaw Road at New London, Pa. Watch for signs.

SATURDAY, MARCH 11, 1972

11:00 A.M.

4020 JD Diesel tractor w-hydrostatic and power shift, wide front end, and new rubber; 1650 Oliver Diesel in A-1 condition; 880 Oliver with wide front end; 203 IH combine with corn and grain head; MF No. 12 baler with kicker; 3 Gehl wagons; 3 Oliver wagons with racks; 2 Oliver wagons with grain bins; Gehl field chopper as new; 2-row with corn and grass heads; Little Giant elevator; 2 NI manure spreaders PTO; NI Haybine as new; No. 546 5-Bottom 16" plows; 4-row IH corn planter with Ezeleslow; McCormick grain drill 13" disc; Disc and Cultipacker, No. 56 N.H. rake; rotomower; IH 37 Disc 12 ft.; Culti-mulcher; lime drill; No. 56 IH blower; NI 2-row corn picker; JD potato digger and other potato equipment; Irrigation equipment; liquid protein feeder and numerous other items found around the farm. Machinery in very good condition.

Terms Cash

OWNER
E. HARVEY CHASE, JR.
Phone 215-932-8910

AUCTIONEERS: HAROLD S. HILL & SON

LUNCH AVAILABLE

SAMUEL SCHLOUGH AND SONS

ANNUAL SPRING SALE

SAT., MARCH 11, 1972

On the premises along Schlough Road leading from Alleghenyville to Maple Grove, Berks County, Pa.

Two ponies broke to ride and drive, feeder pigs, feeder cattle, poultry, 7 tractors- 404 IH with power steering and 3 pt. hook up and full line of equipment; Oliver 77 with power take off, like new; 300 utility Farmall with fast hitch; Allis Chalmers B tractor with mower and other equipment, in good cond.; Farmall H, Massey Ferguson 65 Diesel with 3 point hitch, good cond; Farmall A and equipment; 2 and 3 point hitch and orchard and other discs; manure spreaders; harrows; 3 point hitch corn planter, Massey Harris 80-10 foot cut self-propelled combine; 2 and 3 point hitch tractor plows, trailer plow; 3 point hook up mounted Ford saw buck and saw; full line of Ford equipment; grain drills; sileage blower; IH 15 harvester, side rakes, cultipackers, hay conditioner, tractor mowers, 2 point hook up weed sprayer, garden tractors, rototiller, lawn mowers and other lawn equipment, new and used hardware, hand tolls, snow blower, snow plows, rubber tire wagons, 2 farm trailers, Jeep pickup truck, balers, horse drawn equipment, Oliver and IH sulky plows, riding cultivators, 1955 Chevy V tag truck in good running cond, hay, straw, ear corn, iron troughs, pump troughs, water troughs, new Lincoln a.c. 225 elec. welder complete; air compressor, tool chest, platform scales and other samll items.

HOUSEHOLD GOODS

Table and floor lights, cloths hamper, coffee table, elec. stoves and refrigerators, 5 piece breakfast set, Motorola cabinet model stereo in good cond, chairs, rockers, magazine rack, bed and spring, prizer cook stove, oil space heater with blower, china dinner set.

ANTIQUES

Two drop leaf tables, 2 hand water pumps, chest of drawers, blind high cupboard, sink base, sleigh bells, 6 set of oxen shoes, 2 oxen yokes, Flax reel, candle mould, Morris chair, 2 copper kettles, 2 dinner bells, small iron kettle, small pot belly stove, bucket a day stove, 1 horse market sleigh, wagon seat, old beer keg, wine press, old books, corner chair, old one horse dump cart, jugs, crocks, earthen pie plates, scales, cooper and other wash boilers, old irons, old fire place waffel iron, oil light, buggy light, old brass auto horn, buck saws, old hinges, bottles, metal trays, old buggy and Ford wrenches, bread basket, green glass insulators, metal bu., old lunch pail, iron stone ware, lot of china and glassware, cake stands, goblet, compotes, jelly dishes, sugars and creamers, gold edge butter dish, German celery dish, milk and cream cans, wooden tub, many of these antiques are from Sullivan County. Many other articles by sale date. Will sell on commission. Will pick up and deliver. Free coffee before 10 A.M. Sale at 10 A.M. Not responsible for accidents. Lunch stand.

Terms by
SAMUEL SCHLOUGH AND SONS
Leid, Gundy and Fry Auctioneers.

Conservation Banquet Reservations Asked

Reservations are being asked now for the annual Lancaster County Soil and Water Conservation banquet at the Farm and Home Center at 6:30 p.m. March 23.

Guest speaker is R. M. Davis, state conservationist with the U. S. conservation Service in Harrisburg.

Reservations can be made by calling Mrs. Nancy Burkhart at 299-5361, or after 5 p.m. at 687-6064. Or stop by the conservation office in the Farm and Home Center.

Deadline for reservations is March 17.

Fix-It Tip

Here are a few safety precautions to observe if you are painting the exterior of your home:

- Always face the ladder when climbing up or down and hold on with both hands Tools and supplies should be carried up in your pocket, or haul them up with a line.
- Be sure paint bucket, tools and other supplies are secure. Falling objects can injure persons walking below.
- Do not overreach when painting; move the ladder frequently instead of risking a fall; keep your belt buckle between the rails.

PUBLIC SALE

LATE MODEL FARM MACHINERY & CATTLE TRUCK

SATURDAY, MARCH 11, 1972

AT 11:30 A.M. SHARP

Located off Rt. 24, approx. 3 mile north of Stewartstown, Pa. near the village of Rinely, along Faraway Lane, in York Co., Pa.

Massey Ferguson No. 65 tractor in exc. cond with 2350 hrs. & fully equipped, Sauder manure loader & Sauder snow plow, both like new; Pr. of 15 x 28 tire chains, Model H farmall tractor, Int. No. 46 PTO baler, Letz No. 220 PTO portable feed grinder complete with elevator, New Holland No. 450 3 pt. hook 7 ft. mower. New Holland No. 56 rolobar rake, New Holland 30 ft. elevator with swivel corn head & chutes. New Holland 5 ton dump wagon, with 14 ft. bed & sides, New Holland 3 ton wagon with 16 ft. bed, New Idea No. 217 PTO manure spreader like new, Massey Ferguson 2 - 16" bottom plow, M.F. spring tooth cultivators, M.F. 2 row 3 pt. hook corn planter, Oliver 8 ft. disc, J.D. 3 section harrow, double cultipacker, Olson roto-beater, Century 2 barrel 3 pt. hook weed sprayer, 2 wheel metal trailer with cattle racks, lg. wooden 10 hole hog feeder, cattle dehorners, iron hog troughs, heat lamps, platform scales, doz, chicken coops, sawed locust posts, used lumber, doors, & windows, baler twine, cyclone seeder, milk stool, small amount of hay & straw, & a wagon load of the usual misc. items.

1959 Chevrolet No. 60 truck with cattle racks. This truck was bought new by owner & was well taken care of. Truck has 53,000 miles, 2 speed rear, 900-20 10 ply tires, like new.

Auct. note: The above listed machinery is nearly all in like new condition, was bought new & never set out in the weather. Don't miss this sale for some real fine equipment.

Terms: cash or approved check.

Frank S. Sweeney, owner
Stewartstown, Pa. R.D.2

ROBERT L. SECHRIST, AUCTIONEER PH. 382-4379
JOHN HOPE ANDERSON, CLERK

Refreshment Rights Reserved

Not Responsible For Accidents

Doctor in the Kitchen®

by Laurence M. Hursh, M.D.
Consultant, National Dairy Council

NUTRITION FOR ONE

"I hate eating alone!"

How often have you heard that expression? Or: "Lunch? I never bother just for myself"

Living alone can be a mighty lonesome business. And the problem of eating is only one of many But it is an especially important one — for older people in particular

Poor Nourishment Possible

The older person, living alone, may become poorly nourished for physical or financial reasons. But the problem is not really limited to the aging. The bachelor in his apartment, or the career girl in hers, also faces the three-meals-a-day dilemma.

That sounds funny, I'm sure, in a world where so many souls starve. But it can be true enough that eating alone can become a bore, or too frantic a necessity, or simply a daily chore that suffers from neglect.

The man whose wife takes time off to have a baby or go home to visit her family gets a small taste of the problem, but he gets by with snacks, and may leave the dirty dishes in the sink until the supply of clean ones runs out The permanent state of aloneness is something quite different.

The temptation is to reduce the labor of getting and "ungetting" meals to a minimum. Frozen dinners, canned foods quickly heated, or a hasty sandwich and a cup of coffee are quick and easy, and they satisfy hunger. As an occasional recourse, there is no objection to such shortcuts As a steady diet, there is danger of nutritional deficiency and perhaps digestive upset.

The individual living alone has the same nutritional needs as does the more fortunate member of a family who lives among his loved ones Good health is perhaps more essential to the person alone in the world than to one who has relatives to fall back upon in case of illness A suitable plan for proper eating is essential

Don't Skip Breakfast

This begins with breakfast. Skipping breakfast is a folly not limited to the loner, but the temptation is greater when there is no one to share the morning meal. Luncheons are likely to be easier, since companionship is more easily arranged; it may be wise to make luncheon a principal meal, not so much in terms of quantity as of wise selections of foods to round out the diet. Dinner or supper can be simpler if the noon meal and breakfast have been adequate A well-selected bedtime snack over the evening newspaper may help to round out a suitable diet

Poison Prevention *Hints for Parents*

More than 70,000 children under age five are involved each year in accidental poisonings requiring some form of medical attention, according to the Council on Family Health. And at least two children in this age group die of poisoning every three days, accident statistics indicate.

The doctors, experienced in dealing with childhood poisonings, say such accidents occur most often during the ages of one and three—precisely that time when the child is acquiring a sense of perspective, exploring his environment and in need of close parental supervision.

Children normally begin to become accident prone when they first learn to sit up, and later, to walk or crawl. The Council, sponsored as a public service by the manufacturers of medicines, suggests at this stage that all potentially toxic substances, such as medicines, furniture polish and cleaning agents, be stored on high shelves well out of their sight and reach.

March 19-25 of this year marks the 11th annual observance of National Poison Prevention Week. The Council suggests that parents use the occasion to remove all potentially dangerous products from the child's path and try to become more familiar with the world children inhabit.

Order 4-H Hoagie Now!

Deadline for ordering hoagies for the 4-H hoagie sale is March 20.

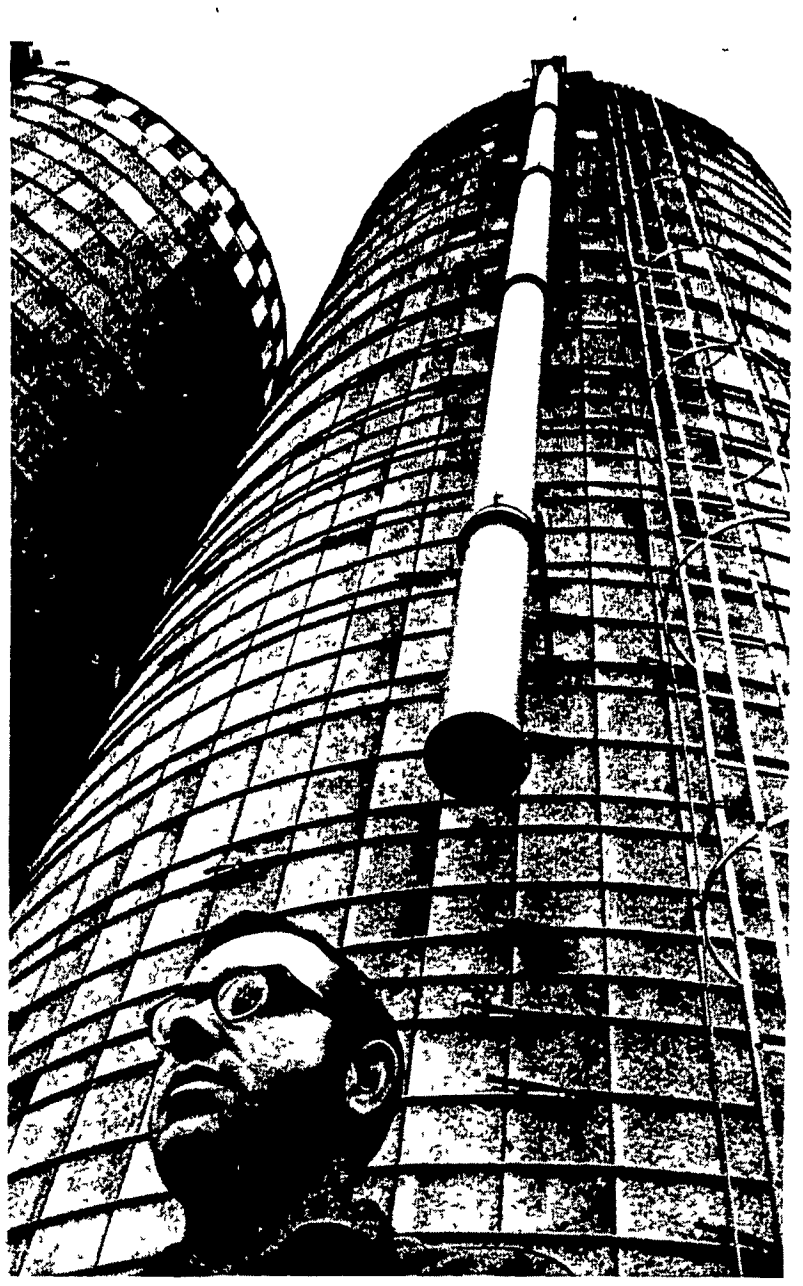
Call the Lancaster County Extension office or contact a 4-H'er for your hoagie.

Hoagies will be delivered March 25.

Jaycee Farm Award Winner

Three Lancaster Farming photos show P. Robert Wenger, Quarryville RD1, selected recently as the Outstanding Young Farmer by the Quarryville Jaycees, at work on his farm.

Wenger shows off his farm sign, pet dog and home. Only 26 years old, he has been farming on his own for two years.



They're tall and big — large enough to hold most of the grain from more than 100 acres of corn on the Wenger farm.

While Wenger's 67 milking Holsteins represent a relatively large herd and most of them have never been led, this older cow is among a few that he entered in judging events in past years.

Farm Machinery

One of the major farm machinery manufacturers is designing a plow for high speed operation — up to 8 miles per hour. Instead of making the widths of the plows wider by adding more bottoms, the design concentrates around 3 or 4 bottoms and simple construction built to stand the loading of an 8 miles per hour plow. A wider plow has a higher initial investment and operates at slower speeds. The theory is that by going to a high speed plowing rate, costs of plowing per acre will be reduced and the output per man-hour will be about the same. This high speed may fit some farms, but on hillsides or on

NEW FORD MOLD BOARD PLOW

Fast, simple, durable. New 3 to 5-bottom mounted models and 4 to 8-bottom semi-mounted. A choice of 14, 16 or 18-in. bottoms. Optional high pivot beams with automatic reset minimize stone damage, save you time in the field. High-speed bottoms plow at 6 mph. New Heavy-duty 2-way plows with 2, 3 and 4-bottoms also

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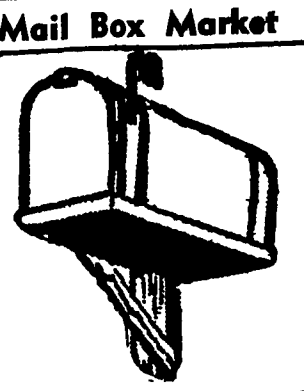
Mail Box Market



For Sale - Modern broiler house, 24,000 sq. ft. floor space with broiler growing contract with 22 acres of farm land. Contact Russell C. Latshaw, Barto, Pa. Phone 215-754-7320

For Sale - Allis Chalmers No. 829 haybine, used 2 seasons, 1 new knife included $1295. Also Cunningham crimper, good condition $150. Call Manheim 665-4239

For Sale - 1600 Oliver tractor, gas, wide front, high-low shift $3200. Wooden corn crib, best offer. Phone 933-0763 evenings.

For Sale - 20 bred Gilts due March and April, service age boars, all Yorkshire-Cross; 1st, 2nd and 3rd cutting Alfalfa hay, no rain; large brown fertile eggs; 30 squares of new white Asbestos siding. Amos K. Beiler, Quarryville RD 3, Strasburg south to Mt. Eden Church, first road second farm.

For Sale - Allis-Chalmers B Tractor, New Rubber, A1 condition and 2 way plow, 1 row cultivator, Sauders Manure Loader. Phone 215-593-5593. Call after 4:00 P.M.

For Sale - Litter Bucket for Dairy barn with appr. 150 ft. or more track three switches. Write Howard Kopp, 1597 Colebrook Rd., Middletown, Pa.

For Sale - AC D19 tractor, 3 pt. hookup, big tires, good condition. Call 215-944-9124.

For Sale - Service Age Holstein Bulls, All dams with records. Phone 717-786-3897.

For Sale - cook stove wood or coal, nice. Wanted International 4 bottom 16 in. semi-mounted plow. Also, John Deere 4 row corn planter. Phone 927-6580.

For Sale - 250-275 lb. Butcher Hogs. Elam F. Fisher, Ronks RD 1, Box 102. Across from Howard Brackbills Garage.

Notice - We are now ready to serve you in business. Farm, wedding, and family pictures. We also do brochures, catalogues, etc. Everett Newswanger, photographer. Phone 394-4219.

For Sale - 3 complete Conde Milker Units, good condition. David K. Stoltzfus, RD 2, Box 141, Elverson, Pa.

For Sale - Shropshire and crossbred sheep, ewes, rams, and lambs. Reasonably priced. Warn G. Mehennett, Bryson Rd, Cochranville. 215-593-5726.

For Sale - 30 yellow pine truff frames, 2 by 6 in. by 28 ft. span. $4 each. Norman M. Nolt, East Earl RD 1, Phone 354-9305.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD 1 Strasburg, Pa. PH: AC 717-786-2562

(Continued on Page 41)

CLASSIFIED ADS BRING RESULTS

Mail Box Market

(Continued from Page 40)

For Sale - Beautiful Palomino mare, 8 years old, has been shown, must sell. Call after 2 P.M. 898-2395

For Sale - White metal double sink cabinet with matching wall cabinets, 66 in., like new. John K. Beiler, Quarryville RD 3, Pa. 1 mile easy of Quarryville along 372.

Wanted - Responsible person to operate own business parttime or full time. Choose your own hours. For appointment call 665-4431.

Mail Box Market

For Sale - Good old mule for a makeshift, $90. Weaver Fox, Leola RD 1 at Brownstown.

For Sale - 10 gas brooders, 4 chicken waterers 90 ft. each, 1 Farmall A tractor with cultivators and tobacco hoers. Wanted to Buy - hot water heating pipes for heating chicken house with boiler. Phone 626-8257

Wanted - Carpenter work. Will built houses, pole barns, corn barns, garages or chicken houses. Write Samuel S. Lapp, Christiana, Pa., Box 274, 17509 or Phone 529-2888.

Mail Box Market

For Sale - Lacy Ripple baby afghan, 36x46, $15.50 each. Will also take orders with your choice of colors, RD 1 Stevens. Call 267-6053

Position wanted on dairy farm. Have 12 years experience and references. Furnished house, located on farm is required. Available March 15. Call 215-562-8347

For Sale - 30 gallon gas water heater, $25.00. Phone 656-7829

Wanted to Buy - 12, 14 or 16 can milk cooler, state size, price and condition. a 600 to 1200 bushel wire corn crib. Daniel Beiler, 78 S. Maple Ave., Leola, Pa.

For Sale - 2 flatbed wagons, $50. each. Louis Stoltzfus, Jr., Phone 215-286-9391

Wanted to Rent: Young married couple would like to rent an apartment or home in the country in or near the Ephrata Area. Would rent in May or June, Also would like if pets were allowed. Call 859-2297 between 6 & 7:30 P.M.

Mail Box Market

For Sale - Jelly cupboard, 40 and 60 foot ladders, tobacco lathe, sizing boxes, tobacco press. Phone 653-4472

For Sale - Charolais bull, purebred, papers, 22 mos. old, 1200 lbs. okay, Sylvester B. Pierce, Jr., Phoenixville, Pa. 19460. Phone 215-933-2167

For Sale - 3200 Anthony pullets, 20 weeks old March 10th, locally grown, A-1 condition. Call 733-8668 between 7 A.M. and 5 P.M. 733-6961 after 6 P.M.

For Sale - Oliver 7 ft. 3 pt. hitch mower, good condition $100. Phone 1-927-6248

For Sale - 500 gal Mojonnier vacuum milk tank. Phone 267-6198

For Sale - Feed blower and paddle wheel for grinder-mixer. VG4D Wisconsin motor with starter and clutch, 37 HP, excellent condition. H. E Beiler, 129 S. Maple Ave., Leola, Pa

Miscellaneous

For Sale - Comforts, Quilts and Painted Milk Cans. Phone 872-8079

WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist · at Leola Supply Co. Inc. Ph. 717-656-6811.

Sale Register

MON MARCH 20- 10 A.M. Annual Spring Sale of New & Used Farm Machinery. M. M. Weaver & Sons, Leola, Pa. Phone 656-2321

Local Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

Words	(1) Issue	(3) Issues
14 or Less	$1 00	$2 40
15	1 05	2.52
16	1 12	2 69
17	1 19	2 86
18	1 26	3 03
19	1 33	3 20
20	1 40	3 36

Call 394-3047 or 626-2191 to place your classified ad

Mail Box Market

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For Sale - Used IH 660 and Case 930 tractor Phone 717-656-7926

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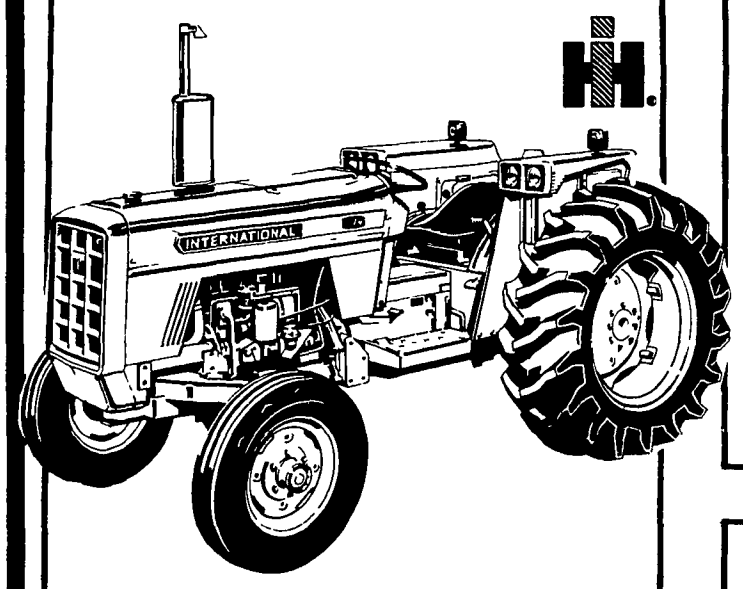

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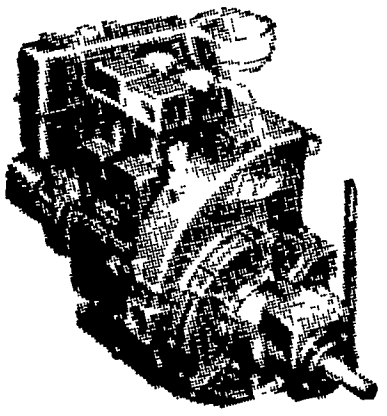

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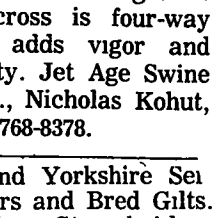

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